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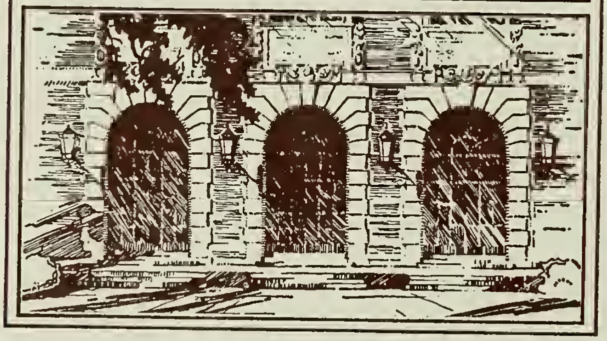

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CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF COMMERCE
ALEXANDER B TROWBRIDGE, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
JANUARY 1968
Volume 63 No. 1

CLIMATOLOGICAL DATA

Station	Temperature														Precipitation									
										No. of Days									Snow, Sleet			No. of Days		
										Max.		Min.												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BAROWELL 4 E	40.6	22.6	31.6		60	30+	0	7+	1026	0	11	25	2	2.37		.63	13	7.8	7	14	7	1	0
BEAVER OAM	40.5	21.7	31.1		60	31+	- 5	8	1042	0	8	26	3	1.77		.55	13		10	14	6	1	0
FOROS FERRY OAM 50	39.6	22.6	31.1		61	31	- 3	7	1044	0	14	26	3	2.25	- 2.22	.71	13	11.5	10	15	6	2	0
GILBERTSVILLE 1 SE	41.1M	25.1	33.1M		62	28	0	7	984	0	8	23	1	2.25		.71	13	10.5	9	14	6	1	0
GOLOEN PONO 8 N	41.4M	22.3M	31.9M		63	30+	1	1	1023	0	7	26	0	2.14				9.6					0
GREENVILLE 2 W	41.4	22.7	32.1	- 5.0	63	28	- 4	1	1012	0	8	24	3	1.47	- 3.52	.51	13		10	15	6	1	0
HENOERSON 7 SSW	38.8	23.3	31.1	- 5.0	60	31	- 5	8	1046	0	16	25	3	2.24	- 2.77	.82	30	12.0	8	14	6	2	0
HICKMAN 1 E	42.9	23.8	33.4		63	31+	1	1	974	0	8	24	0	2.84		.61	13	10.9	10	14	9	1	0
HOPKINSVILLE	40.0	19.6	29.8	- 7.5	65	30+	- 2	1	1082	0	9	27	4	1.91	- 3.44	.60	13	13.5	9	15	8	1	0
LOVELACEVILLE	41.5	23.2	32.4	- 5.1	60	29+	0	7+	1005	0	12	25	2	2.22	- 2.70	.55	13	9.0	7	14	7	1	0
MAOISONVILLE 1 SE	41.4	22.2	31.8		60	29+	- 2	1	1019	0	7	25	3	1.91		.46	13		8	15	9	0	0
MAYFIELO RAOIO WNGO	43.3	26.0	34.7		63	29+	1	8	932	0	8	25	0	1.38					6	13			0
MURRAY	40.1	22.1	31.1	- 7.3	65	30	2	7	1042	0	10	25	0	1.86	- 3.33	.53	13	12.1	9	15	7	1	0
OWENSBORO 2 W	39.7	22.3	31.0	- 4.8	58	31	- 5	8	1046	0	13	26	3	1.87	- 2.78	.43	30	11.0	9	15	7	0	0
PAOUCAH FAA AIRPORT	40.6	22.9	31.8		59	31+	- 2	1	1025	0	13	26	2	2.14		.49	29	8.1	8	15	7	0	0
PAOUCAH	41.8	24.0	32.9		61	30	- 1	7	986	0	10	26	1	1.58	- 3.16	.45	30+	6.5	6	15+	5	0	0
PRINCETON 1 SE	40.8	22.8	31.8	- 5.6	61	29+	- 2	1	1020	0	8	25	3	1.97	- 3.23	.78	13	11.0	9	14	6	1	0
ROCHESTER LDCK 3	39.5	19.5	29.5		64	30	- 4	1	1093	0	10	28	2	1.71		.46	13		6	16+	5	0	0
RUSSELLVILLE	40.8	19.4	30.1	- 6.7	65	30+	- 1	8	1075	0	6	27	1	3.38	- 2.13	.60	2				12	2	0
OIVISION			31.7	- 5.5										2.07	- 2.92			10.3					
* * * CENTRAL 02																							
ANCHORAGE	39.0	20.3	29.7	- 4.7	59	31	- 9	1	1088	0	9	25	3	2.32	- 1.98	1.25	30	12.0	11	14	5	1	1
BARDSTOWN S J PREP SCH	41.9	22.0	32.0		64	31	- 4	1	1015	0	4	23	2	1.69		.40	30	8.3	7	14	6	0	0
BARREN RIVER RESERVOIR	40.5	21.5	31.0		65	30	2	8	1048	0	6	27	0	1.77		.40	1	8.4	7	1	7	0	0
BOWLING GREEN FAA AP	40.0	21.5	30.8	- 7.3	63	29+	1	8	1052	0	8	26	0	1.91	- 3.79	.35	13	8.4	8	15	8	0	0
BRAOFOROSVILLE	41.2	18.3	29.8		65	31	- 5	8	1087	0	7	26	3	0 2.59					8	15			0
CAMPBELLSVILLE	41.8	23.3	32.6		62	29+	0	8	996	0	5	23	1	1.36		.38	30	6.2	7	1	4	0	0
CECILIA	39.8	20.2	30.0	- 4.9	62	31	- 5	1	1078	0	8	25	2	1.55	- 3.61	.45	13	9.9	9	14	6	0	0
CLERMONT 1 SSE	41.4	20.9	31.2		64	31	- 8	8	1045	0	4	26	3	1.86		.49	30	10.5	7	16+	6	0	0
GLASGOW WKAY	40.6	22.4	31.5		63	29	0	8+	1032	0	9	26	2	1.40		.30	30	6.0	6	1	5	0	0
GREENSBURG	41.4	19.9	30.7	- 6.2	65	30	2	9+	1057	0	6	27	0	1.60	- 3.75	.36	1	8.5	6	2+	5	0	0
HOOGENVILLE-LINCOLN NP	41.3	21.8	31.6		62	31	- 4	8	1028	0	5	26	3	1.22		.40	13		9	14	5	0	0
IRVINGTON	39.7	22.1	30.9	- 5.4	62	31	- 4	1	1049	0	12	26	3	1.60	- 2.86	.51	30	13.7	11	14	6	1	0
LEITCHFIELO	39.9	23.8	31.9	- 5.1	61	31	- 2	8+	1018	0	8	25	2	1.53	- 3.80	.34	13	11.5	8	15	7	0	0
LOUISVILLE	41.2	24.8	33.0		62	31	- 3	1	983	0	7	22	2	2.15		1.00	30		6	14	5	1	1
LOUISVILLE WB AP R	38.0	22.5	30.3	- 4.7	60	31	- 2	1	1069	0	14	26	2	2.13	- 1.97	.51	30	13.8	7	15	7	1	0
MAMMOTH CAVE PARK	41.8	23.0	32.4		62	31+	- 3	8	1002	0	7	24	2	1.47		.41	13	6.0	7	1	6	0	0
NOLIN RIVER RESERVOIR	39.9	22.1	31.0		70	30	0	9+	1047	0	11	26	2	1.66		.41	1		8	1	9	0	0
ROUGH RIVER OAM	38.8	18.6	28.7		59	30	- 3	8	1117	0	11	27	4	2.41		.65	15	11.5	8	15	8	1	0
SCOTTSVILLE 3 SSW	41.8	25.6	33.7		67	29	2	8	960	0	8	24	0	2.79		.55	13		7	15+	10	1	0
SUMMER SHAOE	41.9	24.1	33.0		65	29	2	8	983	0	7	26	0	1.85		.38	13		7	1	7	0	0
WOLF CREEK OAM	43.7	22.5	33.1		66	30+	5	8	980	0	2	27	0	2.52		.62	1		4	1	11	1	0
OIVISION			31.4	- 5.2										1.88	- 3.24			9.6					
* * * BLUE GRASS 03																							
BEREA COLLEGE	42.3	24.9	33.6	- 4.0	61	28	0	8	966	0	4	23	1	1.19	- 3.77	.41	13		8	1	4	0	0
CARROLLTON LOCK 1	38.4	19.4	28.9		56	31	-10	8	1111	0	12	24	2	1.54	- 2.30	.34	30	9.1	6	15+	7	0	0
COVINGTON WB AIRPORT R	35.0	18.5	26.8	- 4.8	55	30+	-10	8	1178	0	16	24	4	1.79	- 1.77	.58	30	8.7	6	14	6	1	0
CYNTHIANA 2	37.2	14.3M	25.8M		62	29	-10	9+	1207	0	11	27	7	0 2.59		.43	30	16.8	10	15+	8	0	0
DANVILLE	38.5	18.8	28.7		64	30	- 2	9+	1118	0	10	26	2	1.64	- 3.46	.45	1	12.7	7	1	5	0	0
OIX OAM	40.4	22.3	31.4		62	28	- 2	8	1034	0	5	25	1	1.68		.39	1	9.7	8	15+	7	0	0
FALMOUTH 5 WNW	38.3	15.6	27.0		58	28	-15	8	1170	0	10	25	6	1.66	- 2.23	.46	14	10.5	8	17+	5	0	0
FARMERS 1 WNW	40.1	19.8	30.0	- 6.3	63	28	-11	8	1078	0	7	24	2	1.93	- 2.52	.34	1	14.5	9	1	6	0	0
FLEMINGSBURG 1 SW	38.3	18.9	28.6		60	28	-11	8	1122	0	13	25	3	2.08		.72	30				6	1	0
FRANKFORT LOCK 4	38.0	16.4	27.2	- 8.6	60	29	- 5	8	1162	0	9	26	2	1.59	- 2.73	.36	30	12.0	7	15+	7	0	0
LEXINGTON WB AIRPORT R	37.5	21.6	29.6	- 4.9	58	28	- 3	8	1090	0	11	24	2	1.44	- 3.50	.42	13	12.1	10	15	5	0	0
MAYSVILLE SEWAGE PLANT	37.2	17.0M	27.1M	- 7.7	60	29	- 5	8	1160	0	11	26	1	1.50	- 2.67	.54	30		3	15+	5	1	0
MOUNT STERLING	40.5	21.9	31.2		61	28	- 4	8	1038	0	7	25	1	1.95	- 2.94	.55	13	5.9	13	16+	7	1	0
OWENTON 2 S	39.5	15.5	27.5		56	31+	-16	8	1155	0	10	28	7	1.91		.94	30	6.5			5	1	0
RICHMONO	38.1	19.4	28.8		63	29	- 1	8	1116	0	10	25	1	1.94		.36	1	13.0	7	15+	9	0	0
SHELBYVILLE	35.7	16.9	26.3	- 8.7	56	29	- 6	8	1190	0	15	25	4	2.04	- 2.64	.81	30	8.3	7	17+	6	1	0
WARSAW MARKLANO OAM	35.9	14.8	25.4	- 9.1	56	29	-10	9+	1223	0	15	26	6	1.63	- 2.37	.43	30	8.8	7	14	5	0	0
WAYNESBURG 7 NE	40.8	23.0	31.9		62	28	- 3	8	1019	0	10	24	1	1.87		.53	13	13.0	8	16+	6	1	0
WILLIAMSTOWN 3 NW	37.1	19.9	28.5	- 5.5	56	28	- 8	8	1122	0	13	24	4	1.45	- 2.66	.71	30	9.2	8	15+	4	1	0
OIVISION			28.6	- 7.3										1.76	- 2.87			10.7					
* * * EASTERN 04																							
ASHLANO	39.2	16.7	28.0	- 9.1	64	29	- 5	9+	1141	0	9	26	2	1.98	- 1.80	.39	14		5	2+	8	0	0
BARBOURVILLE	46.4M	19.6	33.0M		68	30+	4	9	983	0	0	30	0	3.43		.77	11				10	3	0
BAXTER	43.2	22.0	32.6		61	30+	4	9+	996	0	4	29	0	2.98		.92	11		3	16	8	2	0
BLAINE 2 W	40.5	15.4	28.0		63	30+	- 8	9	1141	0	10	29	1	1.32		.48	3				5	0	0
CUMBERLANO	45.4	21.3	33.4		66	31	1	8	973	0	1	28	0	3.22		.38	10	9.0	3	16+	13	0	0

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 3

MAR 26 1968
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

CONTINUED

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	39.4	18.6	29.0		64	30	- 1	8	1110	0	8	28	2	1.64		.46	1	10.5	6	1	9	0	0
GRAYSDN 3 SE	37.9	14.8	26.4		63	29	-11	8	1190	0	12	26	4	1.69		.33	1	15.0	9	16	8	0	0
HEIDELBERG LDCK 14 R	42.8	22.1	32.5		64	29	- 4	8	1003	0	4	26	1	1.44	- 3.13	.40	1				5	0	0
HINDMAN 11 NNE	40.9	19.4	30.2		65	30	0	8	1074	0	8	29	1	1.42		.34	7	9.0	6	1	7	0	0
HYDEN	41.9	20.6	31.3		64	30+	2	9+	1038	0	6	30	0	2.46		.56	4				8	1	0
JACKSDN	42.1	18.8	30.5		65	29	0	9	1064	0	6	28	1						3	1			0
LONDDN FAA AP	41.5	22.4	32.0		65	29	3	8	1015	0	10	25	0	1.95		.43	3	7.3	6	1	7	0	0
MANCHESTER 4 SE	44.6	24.0	34.3		66	29+	2	8	945	0	1	25	0	2.52		.61	4				10	1	0
MC KEE	40.3	17.6	29.0		64	29	- 5	9+	1109	0	9	27	2	1.99		.38	1	8.8	9	16	9	0	0
MIDDLESBORD	43.2	22.9	33.1		63	23+	5	9+	985	0	4	30	0	3.79		1.15	11				8	2	1
MDNTICELLD	45.0	25.0	35.0		67	29	3	8	923	0	2	23	0	2.76		.51	4	9.3	4	16+	10	1	0
MDUNT VERNDN	42.5	22.5	32.5		63	28	- 3	8	997	0	5	25	1	2.04		.48	13	9.5			8	0	0
PIKEVILLE	44.9	25.6	35.3		67	29+	4	8	914	0	2	24	0	1.48	- 2.29	.32	23+	7.0	5	2+	6	0	0
SOMERSET 2 N	42.8	22.7	32.8		64	28	0	17	995	0	2	26	1	1.75		.45	13		7	14	6	0	0
STEARNS	41.9	22.7	32.3		65	30	- 1	8	1007	0	5	27	1	3.66		.98	7				8	2	0
TDMAHAWK 1 WSW	40.2	16.8	28.5		64	30	- 3	8	1126	0	8	28	2	1.56		.31	1	8.0	6	1	7	0	0
VANCEBURG	36.1	15.9M	26.0M		61	29	-15	8	1188	0	15	27	3	D 2.34	- 1.77	.75	30	14.7			6	1	0
WEST LIBERTY	39.9	16.8	28.4		63	29	- 7	9+	1129	0	9	26	2	1.82		.38	1		8	1	11	0	0
WILLIAMSBURG 1 E	46.9	26.4	36.7	- 3.0	67	31+	3	7	872	0	1	22	0	3.81	- .85	.70	11		4	17+	12	2	0
DIVISIDN			31.3	- 6.8										2.31	- 2.19			9.8					

EXTREMES

HIGHEST TEMPERATURE NOLIN RIVER RESERVDIR	70	DATE	30
LOWEST TEMPERATURE DWENTON 2 S	- 16	DATE	08
GREATEST TDTAL PRECIPITATIDN WILLIAMSBURG 1 E	3.81		
LEAST TDTAL PRECIPITATION BDWLING GREEN	.86		
GREATEST 1 DAY PRECIPITATIDN DAWSON SPRINGS	1.56	DATE	14
GREATEST TDTAL SNOWFALL FORD LDCK 1D	32.7		
GREATEST DEPTH DF SNDW MOUNT STERLING	13	DATE	16+

See Reference Notes Following Station Index

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1968-69

KENTUCKY - JANUARY 1968

SPECIAL WEATHER SUMMARY

The first two-thirds of the month was cold and snowy, followed by a January thaw. Temperatures during the first 21 days averaged about 10° below normal as arctic air persisted over the State. During this period many areas had at least one day with the minimum temperature below zero. Some locations in the north had from 4 to 7 days with subzero readings, and at several locations the mercury dropped to at least -15° to -16°. In contrast, afternoon temperatures in the fifties and sixties were statewide on several of the days toward the end of the month. Depending upon the section of the State, this was one of the 12 to 14 Januarys of the past 15 to have temperatures averaging below the 1931-1960 means.

Precipitation totals (rainfall and melted snow and sleet) were relatively light for the month, about one-quarter to one-half of average. However, much of what fell was in the form of snow and sleet, and some was freezing rain. January snowfall totals were much above average statewide, the greatest in several years in some sections, and in a number of years in some areas. Days with snow cover of 1 inch or more were also much above average, following several late December days with snow on the ground. In some sections the snow cover remained on the ground at least 26 consecutive days, the longest such period since February-March 1960, when some locations had about 40 days with snow. In a number of areas, days during which some freezing rain fell totaled from 4 to at least 6. Days with heavy fog were above average, ranging from 3 to 7 at some locations in the northern half of the State.

Snowfall on some 3 to 10 days (depending on section) during the first half of the month, the freezing rain, and the length of time the snow remained on the ground (some 5 to 22 days, depending on section), and the low temperatures during the first 3 weeks, all combined to make it a period of hazard and/or great inconvenience. Two boys on sleds were killed. There was at lease one fatality reported to be due to a heart attack, stemming from overexertion. There were many traffic accidents on snow or ice-covered roads, at least 12 fatalities, and a number of injuries. There were numerous other injuries. In one city alone, Mayfield, during one period, 51 persons were treated in hospitals for breaks or sprains from falling on ice and snow.

Schools in parts of the State were closed from 2 to 3 weeks. Early in the month schools were reported to be closed in at least one-third of the counties. Additional snow falling later in the month was reported to have closed schools in at least one-half of the State's 120 counties. Many events were postponed or cancelled. Traffic was delayed or slowed. Snow and ice resulted in utility line failures in a number of sections; apparently conditions were worst in parts of at least 10 counties in western Kentucky. A number of homes were without power for heating and cooking for varying periods of time. There were a number of frozen water pipes.

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Lexington, Kentucky 40506

* These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details see the accompanying tables or this month's issue of "STORM DATA."

DAILY PRECIPITATION

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	2.37		.07	.02		T	.21	.01		.20			.06	.63	.12	T								.10				.02	.01	.41	.42	.09
BEAVER DAM	1.77		.09	.05			.17			.06			.02	.55	.24	.10								.02					T	.12	.35	
CALHOUN LOCK 2	1.54			.12			.03	.04		T	T			.40	.10	.03								.06					.01	.07	.40	.28
COBB	2.02	.29						.30		T					.98	.19								T						.10	.08	.08
DAWSON SPRINGS	1.86														1.56															.30		
DUNDEE 4 ESE	1.99	.15		.15			.10	.05		.08				.45	.30	.25														.03	.22	.21
DUNMOR	1.96	.22	T	T	.12		.14	.04		.20	.02			.50	.22	.12	T							.03						.02	.11	.22
ELKTON 2 S	2.20	.38	T	.07	.10		.19	.10		.03	.22	T		.47	.10	.10	T							.11	T					.03	T	.30
FORDS FERRY DAM 50	2.25	.06	.02	.05			.12	.02		.05	.01			.71	.07	.21	T							T	T				T	.10	.65	.18
FRANKLIN 1 E	2.09	.14	T	.13	.09		.22	.06		.10	.07	.08		.37	.32	.16	T							.08	.02							.25
GILBERTSVILLE 1 SE	2.25	T	.04	T			.34	T		.21			.02	.71	.25	T								.02					T	.22	.39	.05
GOLDEN POND 8 N	2.14	.20	T	.11	.04		.20	.04		.09	.06			*	.85	.10								.08						T	.19	.18
GREENVILLE 2 W	1.47		.10	T	T		.18	.02		.04			.03	.51	.15	.10								T						.08	.26	
HARTFORD 6 NW	1.74	.07	.09			T	.17	.04			T			.58	.24	.09														T	.19	.27
HENDERSON 7 SSW	2.24		.05				.18			.10			.03	.52	.18	T								.05					.05	.26	.82	
HICKMAN 1 E	2.84	T	T	T		T	.45	T		.17			.15	.61	.21	.20							T	T				T	T	.25	.39	.41
HOPKINSVILLE	1.91	.34	T	T	.11		.10	.05		T	.10			.60	.10	.20														.05	.02	.24
LOVELACEVILLE	2.22	.20								.25			T	.55	.20										.07				.03	.43	.37	.12
MADISONVILLE 1 SE	1.91	.08		.12			.11			.10				.46	.29	.22														.10	.23	.20
MAYFIELD RADIO WNGO	1.38	T	T	T			T	T		T	T	T	T	*	.70	T								.03						.13	.23	.29
MURRAY	1.86	.03	.02	.11	.06		.21	.08		.06				.53	.15	.14													.02	.07	.22	.16
OWENSBORO 2 W	1.87	.24		.06			.10			.09				.20	.38	.10								.04					.05	.10	.43	.08
OWENSBORO DAM 46	1.51	.02	T	.07			.04	.03		.05	T			.37	.15	.15								.03					.03	.04	.39	.14
PADUCAH FAA AIRPORT	2.14	T	.03	T		T	.12	T	.02	.20			.30	.21	.15	T							.04	T				.01	.07	.49	.46	.04
PADUCAH	1.58		T				.17			T			.11	.45	.07	T														.33	.45	T
PARADISE STEAM PLANT R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCETON 1 SE	1.97		.08	T	T		.21	T		.12			.01	.78	.12	.03								T					T	.22	.40	T
ROCHESTER LOCK 3	1.71	.24		.07	.05		.07	.05		.04				.46	.29	.14														T	.04	.26
RUSSELLVILLE	3.38	.24	.60	.08	.30		.10	.16		.30		.10		.51	.12	.40								.12							.02	.33
SEBREE	2.62	.08					.23	T		.11					.63	.10													.74	.13	.60	
UNIONTOWN DAM 49 //	2.37	T	T	.05	T	T	.10	.01		.07	.01			.37	.02	.03								.11					.12	.30	1.05	.13
* * * CENTRAL 02																																
ADDISON DAM 45 //	3.08	.07		.11			.06	.08		.05	T		.06	.43	.05	.46	.60							.04					.08	.05	.72	.22
ALBANY 4 N	2.98	.43		.04	.52		.04	.25		.05	.17	.56		.39	.09	.03	T							.12	.16							.13
ANCHORAGE	2.32	T	.05		T		.18			.12			T	.49	.18	.01								T	T					.04	1.25	
BARDSTOWN S J PREP SCH	1.69	.01	.08	.07			.18	T		.18	T	.01		.37	.12	T	.01					.13	T	.03						.09	.40	.01
BARREN RIVER RESERVOIR	1.77	.40		.08	.20		.02	T		.10	.10	.04		.32	.07	.07	.02							.11	.03						.02	.19
BOWLING GREEN	.86	.20					.07	T			T			.28	.12	.10								.05						T	T	.04
BOWLING GREEN FAA AP	1.91	T	.13	.11	T		.19	T	T	.12	T		.24	.35	.25	.04							.02	.08						.01	.34	.03
BRADFORDSVILLE	D 2.59	*	*	.86				D .10		0 .20				.30		.78														.35		
BROWNSVILLE	1.52	.41		.09	T		.08	.07		.07	T			.33	.10	.13	T							.03						T	.05	.16
BURKESVILLE 2 W	2.66	.48		.11	.22			.53			.20	.23		.37	.12									.15	.05							.20
CAMPBELLSVILLE	1.36	.02	.07	.07	.02		.16	.02		.20	.01		T	.33	.04	.04	T					T		T	T					T	.38	
CANEYVILLE	2.24	.15					.15	.08		.20				.74	.39	.13															.16	.24
CECILIA	1.55	.05		.02	T		.23	.02		.17			T	.45	.15	.01								T						.15	.30	
CLERMONT 1 SSE	1.86	.18	.10	.08	T		.04			.22				.37	.24	.03								.03						.06	.49	.02
EDMONTON	1.70	.35		.15					.20		.10			.43	.07		.05								.19							.16
GAMALIEL 1 S	2.95	.31	T	.12	.33		.22	.23		.10	.09	.54		.33	.07	.05	.01							.22	.07	T				T	T	.26
GLASGOW	D 2.20	D .80	.01	.03	.32					.08	.02			.34	.02	.20	T							.08							.12	.18
GLASGOW WKAY	1.40	T	.09	.18	.03		.22	T		.08	T		T	.29	.07	.04								.10						T	.30	T
GLENDALE 1 E	1.67	.24	T	.07			.10			.18				.37	.10	.10								.10							.25	.16
GREENSBURG	1.60	.36	T	.15	.05		.03	.19		.07	.08			.23	.05	.03	.03							.04	.04						.08	.17
GREENSBURG HIWAY 61	1.62	.46		.14	.05		.03	.14		.10	.05			.22	.04	.02	.03							.02	.06						.09	.17
HODGENVILLE-LINCOLN NP	1.22	.01	.03	.05	T		.12			.19				.40	.17									.05						T	.20	
IRVINGTON	1.60		.10	T	T		.12	T		.12		.05	T	.43	.18	T													T	.09	.51	T
LEITCHFIELD	1.53	.20	T	.08	.04	T	.13	.02		.10	.01			.34	.12	.09	T							.03						T	.16	.21
LIBERTY	1.85	.43	T	.13	.09			.12		.06	.11			.36	.16	.03	.04	T							.08							.24
LOUISVILLE	2.15	T	.02	T			.11	.09		.12		T		.30	.46	T								T					T	.05	1.00	
LOUISVILLE WB AP R	2.13	T	.08	T	T		.22	T	T	.14	T		.12	.39	.30	T							T	.02					T	.35	.51	T
LOUISVILLE UPPER GAGE	2.12	.03		.05			T	.19		.10	T			.37	.36	.08								.02					.02	T	.62	.28
MAMMOTH CAVE PARK	1.47	T	.07	.04	T		.19			.14	T			.41	.13	.12								.03							.34	
MILLERSTOWN	1.89	.29		.05			.05	.07	.11	.09	.24			.40	.30									.05						.02	.10	.12
MUNFORDVILLE	1.52	.33		.07	T	T	.03	.11		.13	.05			.37	.10	.09	T							T	T						.07	.17
NOLIN RIVER RESERVOIR	1.66	.41		.10			.05	.10		.10	.05			.20	.15	.10	.10							.05							.05	.20
ROUGH RIVER DAM	2.41	.35	T	.13	.08		.10	.06		.09	T			.30	.25	.65														T	.20	.20
SCOTTSVILLE 3 SSW	2.79		.12	.28			.36			.27	.29			.55	.18	.12								.38							.24	
SCOTTSVILLE 2 SW	2.13	.25	T	.10	.30		.15	.10		.15	.10	.16		.19	.10	.15	T							.15	.03					T		.20
SHEPHERDSVILLE	D 2.23	D .200	.20	.10		T	0 .05	.07		0 .10				.40	.30	.15															.48	.18
SUMMER SHADE	1.85		.03	.35			.33			.19	.19		T	.38	.05	T								.18							.15	
WOLF CREEK DAM	2.52	.62			.49		.20	.10		.10	.09	.20		.14	.10	T	T							.17	.10							.21
WOODBURY LOCK 4	1.37			.07	.02			.14		.05	.01					.83	T							T						T	T	.25
* * * BLUE GRASS 03																																
BEREA COLLEGE	1.19	T	.07	.04	.05		.15	T		.09			T	.41	.18	.05															.15	
BEREA	1.89	.42		.11	.06			.14	T	.08	.05			.31	.32	.01	.04							.03	.09						.01	.22
CARROLLTON LOCK 1	1.54	.12		.04				.16		.15	T			.28	.12	.02									T				.03	T	.34	.28
COVINGTON WB AIRPORT R	1.79	T	.02	T	T	T	.16	T	.01	.03	T		.03	.40	.09	.14					T			T	T				.19	.14	.58	T
CYNTHIANA	1.85	.16		.09		T	T	.15		.24	.03			.25	.24	.06	.04							.02	T	T			T		.23	.34
CYNTHIANA 2	D 2.59	D .30								D .40	.050	.03	.32	.300	.400	.20													T		.43	.16
DANVILLE	1.64	.45	T	.04	.05			.15		.12	.04			.39	.08	.02	.02							.04	.01						.05	.18
DIX DAM	1.68	.39		.11	.05			.10		.13	.05			.33	.06	.01								.05							.15	.25
FALMOUTH 5 WNW	1.66	.12		T		T		.07		.08	T			.28	.46	T	.02							T	T	T			.02		.33	.28
FARMERS 1 WNW	1.93	.34		.06	.06			.15	T	.08	.08			.22	.29	.05	T							.07	.08					T	.15	.30
FLEMINGSBURG	2.26	.35		.07	T	T		.13		.17	T			.33	.36	.08	T							.04					T		.38	.35
FLEMINGSBURG 1 SW	2.08	.33	T		T		.15			.17				.37		.31								.03						T	.72	
FORD LOCK 10	2.67	.92	T	.16	.12	T		.12	T	.12	.08			.36	.32	.02	.02							.03	T	T			T		.10	.30
FRANKFORT LOCK 4	1.59	.13		.04		T	T	.15		.12	.03			.22	.17	.02	.03							T	T	T			T	T	.36	.32
GEORGETOWN WATER WORKS	2.10	.49		.05				.10		.18	.02			.26	.25	.02	.02							T	T						.55	.16
GEST LOCK 3	2.04	.16		.06				.17		.10	.03			.14	.27	.03	T							T					T	T	.74	.34
HIGH BRIDGE LOCK 7	2.32	.47		.51	.05			.10		.09	.07			.05	.12	T	T							T	T				T		.26	.60
KEENE 1 SSW	2.39	.48		T	.08	T		.13			T	T		.60	.38	.05								T	T						.55	.12
LA GRANGE 1 ESE	2.80	T	.10	.02	T		.27	T		.11			T	.38	.72	T							T	T					T	.04	1.16	T
LANCASTER	2.10		.63	.10				•	.24	.13						.61								.12								.27
LEXINGTON WB AIRPORT R	1.44	T	.07	.03	T		.11	T		.18			.01	.42	.13	.03								.05	T				T	.06	.35	
LITTLE HICKMAN LOCK 8	1.79	.45		.07	.05			.15		.12	.09			.35	.08	.05	.05							.03							.05	.25
LOCKPORT LOCK 2	D 2.08	.15		.08				.20		.05	T			.16	.26	.03													T		.86	.29
MAYSVILLE SEWAGE PLANT	1.50			.05				.03		.04	.11			.33	.08	.15						T		.03		T			.02		.54	.12
MIDWAY	1.82	.25		.06			T	.13		.14	.05			.24	.21	T	.05														.49	.20
MOUNT STERLING	1.95	.15	T	.33			.13			.15			.10	.55		.07						T		.07	T				T	T	.40	
OWENTON 2 S	1.91	.02	T				.18	.03	T	.17				.24	.25	.06														.02	.94	
RICHMOND	1.94	.36		.10	.10	T		.17		.09	.07			.32	.20	T	.04							.10	T				.01		.10	.28
SALVISA LOCK 6	1.92	.44	T	.18	.05		T	.08		.16	.01			.28	.17	.03	.03							.04	T	T			T		.14	.31
SHELBYVILLE	2.04	.10		.02			T	.06		.13	.04			.32	.16	.03	.02							.03	T						.81	.32
SPRINGFIELD	1.25	.36					T	.16		.15	T			.25	T	.11								T							.22	T
TAYLORSVILLE	1.63	.20	T	.08	T			.13	.08	.08				.25	.15	.06	T														.26	.34
TYRONE LOCK 5	1.85	.34		.08	.04	T	T	.16		.16	.04			.25	.15	.23	.02							.02	T	T			T		.14	.22
VALLEY VIEW LOCK 9	1.60	.35	T	.07	.02	T		.09		.09	.03			.41	.13	T	T							T	T						.15	.26
WARSAW MARKLAND DAM	1.63	.05		.05				.18		.09	.03			.19	.25	T													.02		.43	.34

See Reference Notes Following Station Index

DAILY PRECIPITATION

Continued

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WAYNESBURG 7 NE	1.87	.33	T	.11	.08			.21		.07	.03			.53	T	.15																.36	•
WILLIAMSTOWN 3 NW	1.45	T	.01		T		.12	.01		.09			T	.19	.20	.04					T	T		T	T			T	.02	.05	.71	.01	•
• • •																																	
EASTERN 04																																	
ASHLAND	1.98	.27	T		.15			.07		.02	.10			.21	.39	.09	.02	T	T						.15						.14	.37	•
BARBOURVILLE	3.43	.56			.68		T	.25		.10	.34	.77		.15	.18	.03	T							T	.15							.22	•
BAXTER	2.98	.10		.01	.63		T	.24		.05	.36	.92		.13	.15	.02	.06							.02	.08							.21	•
BLAINE 2 W	1.32			.48				.12			.17				.30																	.25	•
BUCKHORN	1.91	.42	T	.05	.42			.17	.02	.07	.16			.12	.11	T	.05							T	.17							.15	•
BURDINE 2 NE	2.83	.10	.10		.60		.25			.25				.60		.15								.20	.28							.30	•
CLAY CITY 1 WNW	1.71	.30		.08	.05			.15		.13	T			.30	.16	.07	.10							.06							.11	.20	•
COLLEGE HILL LOCK 11	1.45	.34		.07	.05	T	T	.15		.10	.06			.31	.13	T	T							.03	T	T					.04	.17	•
CUMBERLAND	3.22	.05		.35	.34		.20	T		.23	.38	.23	.30	.23	.28	.13	.03							.21	.04	T					.12	.10	•
CUMBERLAND FALLS ST PK	3.03	T	T	.29	.47		.34			.25	.45	.20		.50	.12	.03								.18							.18	.02	•
DEWEY DAM	1.64	.46	T	.10	.19	T		.10	T	.06	.15			.12	.11	.03	.05								.15						T	.12	•
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
FOURMILE KY UTIL PARK	3.67	.45		.05	.63		.05	.29		.15	.21	1.13		.01	.25	.04	.03							.01	.12							.25	•
FREEBURN 2 SW	2.29	.49		.03	.36	T		T	.02	.03	.44	.01		.09	.26	.07	.05							.03	.24						T	.17	•
FRENCHBURG	1.91	.17		.02	T			T		.48	T			•	*	•	.48	.13					.14	T	T	.10			T		.14	.25	•
GRAYSON 3 SE	1.69	.33	T	.04	.09			.15	T	.12	.04			.22	.20	.10	.06							T	.04						.13	.17	•
HAZARD WATER WORKS	2.38	.51		.02	.48			.08		.12	.29	.10		.05	.23	.02	.05							.04	.19							.20	•
HEIDELBERG LOCK 14 R	1.44	.40		.08	.13			.09		.07	.09			.17	.12	.04	.05							T	.09							.11	•
HINDMAN 11 NNE	1.42	.14						.34		.15	.15			.05	.17	.03	.02							.02	.23							.12	•
HYDEN	2.46	.40		.04	.56	T		.31		.04	.13	.23		.05	.15	.02	.03							.05	.24							.21	•
JACKSON	-	-	-	-	-	-	-	-	-	.15	T			.09	.25	.02							T	.02	.04							.18	•
JEREMIAH	.95				.12						.30			.08	.16								.06		.23								•
LLOYD GREENUP DAM	2.66	.30	.30	.05	.02			.12		T	.06			.33	.63	.03	T							.04	.03	T			.03	T	.12	.60	•
LONDON FAA AP	1.95	T	.03	.43	.04		.27	T		.22	.19	.01	T	.37	.03	.03								.18					T	T	.15		•
LOUISA 2	1.55	.30	T	T	.03	.02	.02	.03	.02	.23	.04			.10	.28	.10	.03								.10						.07	.18	•
MANCHESTER 4 SE	2.52	.41			.61			.25		.15	.10	.16		.13	.14	.04	T								.24							.29	•
MARTIN	1.95	.47		T	.30		.05	T	.10	.31	.12			T	.22	T	T	T						T	.26						.12		•
MC KEE	1.99	.38		.21	.22			.15		.10	.08			.32	.12	T	.06							.06	.12							.17	•
MIDDLESBORO	3.79	.38		.12	.71		T	.26		.09	.48	1.15	.06	.13	.09	.01	T							.05	.05							.21	•
MONTICELLO	2.76	.43		.04	.51		.06	.20	T		.14	.44		.35	.10	.02	.04							.12	.12							.19	•
MOUNT VERNON	2.04	.08	.20	.16	T		.29	T		.18				.48	.08	.18								.17	T						.22		•
ONEIDA	2.16	.38		.06	.44			.30		.07	.18	.02		.10	.16	.05								.05	.17							.18	•
PAINTSVILLE 1 S	1.33	.42	T	.03	.04		.03			.08	.12		.22	T	T	.07			T					T	.18					T	.14		•
PIKEVILLE	1.48	.01	.02	.25	T		.16	T		.32	T	.01		.13	.05	.05								.32							.15	.01	•
RAVENNA LOCK 12	1.42	.42		.09	.08			.07		.05	.04			.38	.10	.01	T							.02	.04						T	.12	•
SALYERSVILLE 2 SE	1.46	.56		.09						.06	.24			.14	.16	.03	.08															.10	•
SOMERSET 2 N	1.75		T	.30	.05		T			.34	T			.45	.15	T								.18							.27	.01	•
STEARNS	3.66	.34			.47		T	.98		.18	.28	.85		.31	.19	.06								T								T	•
TILFORD	3.54			.25	1.29						T	T		1.20																	.80		•
TOMAHAWK 1 WSW	1.56	.31		T	.27	T		T		T	.22			.15	.15	.06	.05						T	T	.22						T	.13	•
VANCEBURG	D 2.34	D .30	0 .30	T	T		0 .35		T	D .20				D .30	0 .02							T							.08	.04	.75	T	•
WEST LIBERTY	1.82	.38	T	.10	.10			.12	T	.14	.12			.17	.27	.10	.11					T		T	.08				T	T	T	.13	•
WILLIAMSBURG 1 E	3.81	.33		.06	.50	.16		.09		.35	.22	.70	.18	.30	.18			.36							.18							.20	•
WILLOW LOCK 13	1.34	T	.32	.07	.10	T		.12		.07	.08			.22	.18	.02	.02		T					.04	T				T		T	.10	•

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	22	0.8	9.1	26++	30	04	71	76	63	67	10	5	5	1	0	0	21	-	7.0
LEXINGTON WB AIRPORT	18	1.9	8.8	21++	27	04	71	75	69	69	5	6	5	0	0	0	16	-	6.0
LOUISVILLE WB AIRPORT	7	0.2	7.4	25	W	04	76	78	70	69	10	2	6	1	0	0	19	39	7.1

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	20	33	33	31	32	32	23	23	32	31	29	36	33	28	36	32	40	49	49	55	56	56	50	34	39	55	57	60	60	60	56	40.6
	MIN	0	14	26	22	11	23	0	3	23	23	18	28	17	17	25	2	6	14	22	25	29	29	33	20	23	24	43	45	50	42	44	22.6
BEAVER DAM	MAX	20	33	33	28	30	35	31	23	34	32	31	35	34	29	34	34	41	50	49	47	48	55	51	34	35	53	60	60	59	59	60	40.5
	MIN	-2	12	26	17	2	25	0	-5	20	24	18	29	25	17	26	25	6	15	21	23	29	26	32	17	11	19	38	46	46	42	43	21.7
FORDS FERRY DAM 50	MAX	20	32	30	28	32	30	11	26	30	29	32	34	34	29	33	32	44	52	46	50	53	56	43	28	38	57	59	60	60	58	61	39.6
	MIN	-1	15	24	11	6	10	-3	-1	12	21	17	30	19	18	27	15	18	22	31	31	31	28	27	19	21	27	46	48	50	41	41	22.6
GILBERTSVILLE 1 SE	MAX	20	34	34	29	32	34	30	24	33	31	29	35	35	29	35	35	44	53	49	52	52	58	54	34	38		61	62	61	60	56	41.1
	MIN	2	19	27	22	13	28	0	4	23	25	20	29	18	17	25	11	16	25	25	28	35	33	33	18	20	26	48	50	50	43	44	25.1
GOLDEN POND 8 N	MAX	33	28	34	32	30	36	34	12	34	41	29	33		35	30	34	35	47	54	51	51	55	57	38	32	40	58	62	63	63	61	41.4
	MIN	1	2	27	23	12	14	2	2	4	25	22	23		18	26	18	19	19	23	28	30	31	33	19	20	22	28	42	47	47	42	22.3
GREENVILLE 2 W	MAX	19	33	35	28	32	34	31	23	33	31	29	35	33	35	32	35	44	51	51	48	53	55	51	34	36	55	61	63	62	61	59	41.4
	MIN	-4	14	26	21	3	25	-1	-1	21	23	19	28	22	16	25	24	9	18	25	28	36	25	33	18	11	19	42	48	47	42	42	22.7
HENDERSON 7 SSW	MAX	16	30	30	28	30	30	26	19	30	26	30	34	32	30	32	32	47	50	48	48	51	54	44	31	36	54	57	56	58	55	60	38.8
	MIN	-3	14	24	17	6	26	-3	-5	18	21	13	30	20	20	28	23	14	23	32	30	39	27	31	18	16	26	40	46	48	41	41	23.3
HICKMAN 1 E	MAX	26	36	36	30	30	36	24	24	34	32	30	37	32	33	36	34	42	51	51	55	63	59	53	34	40	62	61	61	63	62	63	42.9
	MIN	1	20	26	22	9	24	2	2	24	25	18	28	16	15	24	6	13	21	21	26	36	33	32	21	22	24	45	46	50	43	44	23.8
HOPKINSVILLE	MAX	33	26	35	31	31	32	34	15	32	35	35	35	39	32	29	34	35	39	49	50	50	50	50	40	32	37	54	64	65	65	52	40.0
	MIN	-2	0	24	20	7	7	1	0	0	24	21	24	29	14	16	23	10	11	22	25	30	29	31	18	14	15	26	38	42	48	41	19.6
LOVELACEVILLE	MAX	20	30	30	30	34	30	29	23	31	30	30	35	32	29	38	35	45	53	54	57	58	59	52	33	41	58	58	60	60	57	56	41.5
	MIN	0	19	25	22	9	29	0	3	22	24	16	28	18	17	25	2	9	18	24	25	30	29	33	20	21	23	44	48	50	42	43	23.2
MADISONVILLE 1 SE	MAX	17	34	35	33	33	33	30	24	33	33	31	35	35	29	32	35	45	54	51	49	54	56	50	32	38	55	60	60	60	59	59	41.4
	MIN	-2	10	25	20	5	26	-1	-1	20	22	15	28	20	17	25	22	9	15	26	28	36	26	32	17	13	20	38	47	46	42	42	22.2
MAYFIELD RAOID WNGO	MAX	17	33	30	35	34	34	30	29	33	32	33	31	29	28	39	39	49	55	56	51	59	58	58	38	45	62	61	63	63	62	57	43.3
	MIN	2	17	29	21	8	20	2	1	22	21	27	27	24	21	28	28	21	32	27	28	30	31	29	20	27	35	43	45	53	43	45	26.0
MURRAY	MAX	33	28	35	32	30	33	33	15	32	33	30	32	34	24	28	34	34	45	53	50	54	58	55	35	31	40	59	62	62	65	53	40.1
	MIN	3	9	25	21	10	12	2	3	5	26	23	24	21	13	23	10	11	19	24	27	31	35	34	19	19	21	31	46	49	49	41	22.1
OWENSBORO 2 W	MAX	29	32	32	27	31	32	29	24	31	32	33	35	35	29	33	32	42	50	50	44	49	50	45	32	36	53	57	56	57	55	58	39.7
	MIN	-3	15	26	21	7	26	-2	-5	21	22	16	30	20	19	27	24	7	16	26	24	30	25	32	17	14	24	38	43	45	44	43	22.3
PAOUCAH FAA AIRPORT	MAX	22	32	30	30	34	32	12	28	32	30	30	36	32	28	36	35	44	51	51	54	56	57	45	32	40	57	58	59	59	58	59	40.6
	MIN	-2	22	25	13	10	10	-1	3	26	21	17	30	18	19	19	7	14	21	26	27	32	29	26	19	22	25	48	47	51	42	43	22.9
PADUCAH	MAX	19	37	32	29	33	32	30	23	32	31	30	34	34	30	35	35	45	54	50	56	55	56	56	35	40	58	59	60	60	61	56	41.8
	MIN	1	17	26	22	11	28	-1	4	21	24	18	27	18	18	26	10	14	21	25	25	29	32	32	19	21	27	47	48	50	42	43	24.0
PRINCETON 1 SE	MAX	19	33	33	29	30	33	30	23	33	30	29	35	35	28	33	37	42	52	51	50	54	51	50	33	38	56	60	61	61	59	58	40.8
	MIN	-2	15	26	21	6	26	-1	-1	22	23	18	28	19	17	25	14	10	20	23	25	35	28	32	17	15	26	40	48	48	42	42	22.8
ROCHESTER LOCK 3	MAX	31	22	34	32	30	32	35	14	30	34	30	33	35	35	29	34	34	43	53	55	46	46	53	38	30	36	55	61	63	64	56	39.5
	MIN	-4	2	22	24	5	5	6	0	2	27	19	22	31	18	19	28	12	12	15	25	23	26	28	19	15	16	23	27	48	48	43	19.5
RUSSELLVILLE	MAX	30	39	33	32	32	35	35	20	35	35	34	35	36	30	32	34	34	43	52	48	48	50	54	38	33	38	54	62	65	65	55	40.8
	MIN	3	5	29	21	3	9	1	-1	3	26	23	23	29	12	14	24	4	14	24	26	33	25	28	16	10	11	26	29	41	47	43	19.4
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	20	33	31	29	28	33	27	19	31	30	33	32	35	33	37	34	43	52	48	48	44	47	45	36	34	50	55	55	54	54	59	39.0
	MIN	-9	7	26	12	2	23	0	-7	14	19	15	22	28	18	21	14	5	14	30	24	33	32	30	15	11	20	39	43	48	41	40	20.3
BAROSTOWN S J PREP SCH	MAX	33	34	34	31	32	34	33	21	34	34	32	33	35	34	37	38	46	52	53	52	46	53	52	34	35	52	55	59	59	58	64	41.9
	MIN	-4	9	29	20	3	25	4	-2	12	22	14	24	30	17	21	20	9	18	24	23	34	33	33	18	12	19	34	46	49	43	42	22.0
BARREN RIVER RESERVOIR	MAX	34	26	38	33	31	33	35	16	33	34	32	34	36	33	28	33	37	45	54	50	48	46	57	38	30	37	55	62	63	65	58	40.5
	MIN	9	5	25	24	8	8	8	2	4	29	24	24	32	14	15	27	14	15	22	23	28	30	30	20	12	13	23	38	47	46	46	21.5
BOWLING GREEN FAA AP	MAX	18	36	33	31	32	35	19	26	35	31	33	35	33	26	33	35	43	54	43	43	45	48	45	30	38	54	60	63	63	58	62	40.0
	MIN	7	11	28	11	6	19	4	1	26	26	24	30	18	15	26	9	4	10	20	24	25	26	26	19	15	18	34	45	47	47	45	21.5
BRADFOROSVILLE	MAX	35	33	38	32	30	35	35	15	32	35	31	34	37	37	32	35	39	47	54	54	46	46	59	38	29	37	55	62	60	59	65	41.2
	MIN	2	5	30	20	0	21	5	-5	0	26	19	21	30	14	17	19	3	10	12	18	30	31	34	16	7	13	22	37	34	34	42	18.3
CAMPBELLSVILLE	MAX	30	36	36	31	31	35	35	27	34	34	30	35	36	34	34	34	41	48	48	48	46	58	56	35	34	51	55	62	62	61	60	41.8
	MIN	1	7	30	22	4	25	5	0	21	27	21	26	32	15	21	23	11	18	25	22	37	33	34	18	12	19	33	45	47	46	42	23.3
CECILIA	MAX	23	33	34	29	30	35	33	20	34	32	31	32	34	33	36	35	40	49	49	45	45	50	47	31	34	51	55	60	56	56	62	39.8
	MIN	-5	3	27	20	2	22	1	-4	17	23	14	28	29	16	22	23	3	9	21	18	33	25	30	16	11	17	33	38	46	45	42	20.2
CLERMONT 1 SSE	MAX	31	33	34	30	30	33	33	22	33	33	34	33	34	35	36	36	42	51	50	52	47	52	52	36	35	52	55	58	58	58	64	41.4
	MIN	-1	5	29	20	0	25	4	-8	17	22	12	26	30	17	22	20	7	15	22	22	32	28	35	16	7	15	30	46	48	43	41	20.9
GLASGOW WKAY	MAX	20	37	35	28	30	34	32	26	33	29	30	34	33	22	32	34	41	50	49	48	46	58	50	35	34	53	60	62	63	58	62	40.6
	MIN	0	11	28	19	5	23	3	0	22	27	21	29	22	12	21	22	10	18	24	24	34	28	31	17	12	17	32	44	47	48	44	22.4
GREENSBURG	MAX	35	31	37	34	32	35	36	18	30	35	33	34	36	35	29	36	39	46	55	53	48	47	60	40	30	39	56	60	64	65	55	41.4
	MIN	3	5	26	25	8	8	10	2	2	28	22	23	31	16	15	26	12	11	16	24	26	34	34	20	13	13	18	29	30	42	45	19.9
HODGENVILLE-LINCOLN NP	MAX	31	33	34	30	30	35	35	22	34	33	31	33	36	36	35	37	41	52	51	48	44	53	52	35	34	51	54	60	60	59	62	41.3
	MIN	-2	6	29	21	0	24	3	-4	14	24	18	28	30	15	21	23	11	19	25	22	29	31	29	17	11	18	34	46	46	46	43	21.8
IRVINGTON	MAX	20	33	33	26	30	31	30	21	32	31	32	32	35	32	34	34	42	51	51	46	46	53	52	32	36	53	55	54	55	58	62	39.7
	MIN	-4	10	26	19	5	21	-1	-3	18	19	16	29	28	17	24	24	12	23	32	21	39	25	32	16	13	22	21	47	46	45	42	22.1
LEITCHFIELD	MAX	19	34	34	27	31	33	33	20	33	31	30	34	34	32	34	34	42	51	49	47	44	53	48	31	35	52	57	60	58	57	61	39.9
	MIN	-2	10	26	17	5	26	1	-2	18	24	19	29	31	16	24	24	15	25	32	29	37	28	31	17	13	23	39	47	47	46	44	23.8
LOUISVILLE	MAX	29	33	34	30	31	33	32	19	31	31	34	33	35	35	38	39	44	53	53	52	49	50	51	35	35	53	55	56	56	57	62	41.2
	MIN	-3	14	28	20	10	30	1	0	18	21	18	28	29	19	23	22	18	25	36	29	40	36	35	18	16	23	36	46	49	42	42	24.8
LOUISVILLE WB AP	MAX	17	34	35	28	29	31	22	20	31	27	32	31	33	29	36	32	40	50	47	46	45	49	47	27	32	50	54	55	55	55	60	38.0
	MIN	-2	17	27	10	9	22	2	-1	20	21	18	25	29	20	26	17	10	19	30	22	35	30	27	18	15	21	32	45	49	43	43	22.5
MAMMOTH CAVE PARK	MAX	31	36	36	29	32	35	34	24	33	34	32	35	35	30	33	32	44	54	53	44	45	55	50	34	35	53	59	62	62	62	62	41.8
	MIN	2	11	29	21	0	22	3	-3	21	27	21	30	30	14	22	25	10	19	27	26	37	27	34	17	8	17	38	45	42	47	44	23.0

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

KENTUCKY
JANUARY 1968

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NOLIN RIVER RESERVOIR	MAX	32	25	35	29	28	33	31	14	30	30	28	33	37	34	29	43	37	43	53	53	53	45	56	40	28	36	54	58	64	70	55	39.9
	MIN	4	12	24	22	4	10	5	0	0	25	24	28	30	16	28	27	10	18	26	29	36	26	27	18	12	18	25	50	40	54	37	22.1
ROUGH RIVER DAM	MAX	32	24	34	30	28	32	34	13	27	33	27	32	34	34	30	33	36	45	54	53	48	45	54	40	31	37	54	58	58	59	54	38.8
	MIN	-2	-1	22	20	4	5	2	-3	-1	22	16	16	30	17	17	25	9	10	19	25	30	28	27	17	11	11	22	43	47	46	43	18.6
SCOTTSVILLE 3 SSW	MAX	30	37	38	30	32	34	33	28	33	33	31	34	34	24	32	32	42	54	50	48	48	55	50	35	35	53	55	63	67	62	63	41.8
	MIN	7	12	30	23	7	28	5	2	26	28	23	29	22	13	23	25	17	29	31	32	41	29	33	19	12	24	38	44	48	47	47	25.6
SUMMER SHADE	MAX	30	37	36	30	34	34	34	30	33	32	33	35	34	28	32	37	44	52	49	48	47	57	51	31	36	50	57	62	65	58	64	41.9
	MIN	5	16	30	19	7	25	8	2	27	28	27	31	28	14	21	18	12	23	25	26	34	30	31	20	13	20	32	41	42	47	46	24.1
WOLF CREEK DAM	MAX	35	33	39	36	34	36	40	26	35	36	35	38	39	35	29	34	38	48	57	56	47	59	59	47	35	40	56	60	66	66	60	43.7
	MIN	10	15	32	26	9	11	12	5	9	31	28	29	32	18	17	26	16	18	18	24	28	28	34	20	12	15	20	29	37	40	47	22.5
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	30	36	40	32	33	38	34	24	35	34	33	37	37	33	33	33	43	51	49	46	46	56	56	50	32	53	54	61	60	59	54	42.3
	MIN	9	19	31	21	5	25	8	0	21	27	21	25	31	17	20	13	14	25	32	26	40	35	35	17	13	19	38	46	48	48	42	24.9
CARROLLTON LOCK 1	MAX	25	30	34	29	27	30	30	18	32	32	32	32	35	35	35	35	38	48	50	47	43	43	45	34	32	48	53	54	53	54	56	38.4
	MIN	-6	5	27	18	1	25	2	-10	14	19	16	19	28	20	22	2	8	14	18	18	39	35	33	15	11	16	28	42	44	42	37	19.4
COVINGTON WB AIRPORT	MAX	15	29	31	20	24	29	17	17	30	26	27	28	34	33	29	27	38	47	45	41	42	43	43	26	32	49	55	50	54	55	48	35.0
	MIN	-4	4	19	3	-2	17	-8	-10	15	16	14	13	25	19	12	2	10	20	30	25	38	37	25	17	14	21	35	44	47	38	37	18.5
CYNTHIANA 2	MAX	33	20	35	34	32	29	33	14	23	30	32	36	35	37	29	32	31	45	49	41	41	43	44	39	28	34	49	54	62	55	53	37.2
	MIN	-2	0	18	8	2	4	5	-10	-10		10	10	14	19	19	-2	-4	-1	17	32	31	32	34	11	12	12	12	31	42	44	40	14.3
DANVILLE	MAX	33	24	38	32	28	32	35	14	25	34	31	32	35	34	28	35	34	41	52	48	45	45	57	35	28	33	51	54	62	64	55	38.5
	MIN	5	5	23	22	4	4	10	-2	-2	25	18	18	22	15	15	14	10	10	24	23	23	33	32	18	12	12	23	38	42	47	41	18.8
DIX DAM	MAX	34	33	33	30	28	35	36	19	33	33	29	35	36	33	33	34	39	50	50	48	42	50	50	36	32	51	55	62	61	58	55	40.4
	MIN	4	13	30	20	4	16	6	-2	16	25	16	21	31	22	21	11	12	17	25	21	35	32	28	17	13	19	35	43	47	51	43	22.3
FALMOUTH 5 WNW	MAX	30	31	33	27	26	31	30	20	32	30	33	34	35	33	34	33	40	50	49	46	43	40	44	29	33	47	55	58	55	57	50	38.3
	MIN	-12	-4	27	11	-3	15	2	-15	13	17	9	9	30	20	20	-8	-3	7	18	12	37	34	28	15	8	13	24	40	44	40	37	15.6
FARMERS 1 WNW	MAX	32	33	37	32	29	33	33	22	31	32	36	35	39	34	34	33	42	50	46	44	44	49	48	32	33	50	57	63	59	55	47	40.1
	MIN	13	15	32	21	0	17	9	-11	14	28	15	19	33	22	21	2	1	10	17	16	34	34	32	16	9	8	25	36	41	46	40	19.8
FLEMINGSBURG 1 SW	MAX	30	32	36	31	26	32	31	17	32	32	32	35	36	35	32	32	35	48	46	42	42	41	46	39	31	46	52	60	55	53	51	38.3
	MIN	2	4	29	15	0	17	5	-11	13	24	11	17	32	19	20	0	5	13	23	18	36	33	28	16	10	15	29	40	44	41	38	18.9
FRANKFORT LOCK 4	MAX	33	22	36	34	29	29	34	17	22	34	28	34	32	36	29	35	34	42	52	51	44	44	48	40	28	35	51	54	60	57	54	38.0
	MIN	1	2	21	21	4	4	8	-5	-4	21	17	17	21	21	18	4	3	4	12	18	18	34	35	18	13	13	16	27	41	44	41	16.4
LEXINGTON WB AIRPORT	MAX	18	35	35	28	29	34	25	20	34	30	31	35	35	30	34	29	35	46	46	40	42	46	44	27	32	49	52	58	57	55	53	37.5
	MIN	4	18	28	8	3	25	1	-3	20	23	15	20	30	18	18	0	14	24	31	27	35	33	24	16	12	20	34	45	45	41	41	21.6
MAYSVILLE SEWAGE PLANT	MAX	24	24	37	36	29	26	29	20	20	33	30	34	39	36	30	34	32	36	47	49	47	45	44	39	28	33	46	54	60	58	55	37.2
	MIN		1	15	22	2	2	6	-5	5	19	15	15	18	24	21	8	8	10	16	19	24	25	34	19	12	11	16	26	39	45	38	17.0
MOUNT STERLING	MAX	32	32	37	32	27	38	37	19	34	34	35	35	36	36	34	32	37	50	48	44	45	58	48	37	30	48	53	61	60	57	50	40.5
	MIN	8	15	30	21	2	22	7	-4	15	25	14	19	31	17	21	8	11	17	30	25	37	35	31	15	10	15	29	42	45	47	39	21.9
OWENTON 2 S	MAX	29	32	34	29	28	33	31	20	30	30	35	32	36	34	33	35	43	52	50	48	49	47	44	32	35	49	55	56	53	54	56	39.5
	MIN	-13	-2	26	16	-2	17	0	-16	13	16	9	15	27	18	19	-5	-2	9	19	12	32	32	30	13	8	12	25	38	43	41	32	15.5
RICHMOND	MAX	34	23	36	33	28	33	33	16	25	34	30	32	37	36	28	34	32	42	53	50	42	44	53	36	25	32	52	54	63	59	53	38.1
	MIN	7	8	23	23	3	7	9	-1	2	25	17	18	21	15	17	7	10	12	26	20	30	34	34	16	11	15	22	36	44	48	41	19.4
SHELBYVILLE	MAX	31	22	34	29	28	29	32	11	22	32	26	32	32	35	30	36	33	38	48	47	42	43	45	37	27	24	48	52	56	54	52	35.7
	MIN	-5	-5	20	19	4	4	3	-6	-4	19	14	13	18	18	18	11	9	11	21	22	24	34	33	16	12	12	21	37	44	47	41	16.9
WARSAW MARKLAND DAM	MAX	32	18	34	31	26	29	29	12	18	31	27	32	33	35	29	29	35	41	50	47	43	43	44	38	26	32	52	54	56	55	52	35.9
	MIN	-3	-3	15	19	-1	-1	6	-10	-10	18	19	18	19	22	21	1	3	4	10	17	14	34	36	18	15	14	16	27	40	43	37	14.8
WAYNESBURG 7 NE	MAX	28	35	35	32	32	34	33	24	33	32	30	38	35	31	31	31	41	51	49	43	45	57	53	33	31	51	54	62	61	59	60	40.8
	MIN	7	15	30	20	3	26	6	-3	20	26	21	25	30	15	19	12	11	25	27	21	37	33	31	16	11	18	34	44	44	49	41	23.0
WILLIAMSTOWN 3 NW	MAX	27	30	33	27	24	30	29	15	30	29	29	31	35	33	33	34	40	50	45	42	42	41	43	29	32	48	53	56	54	55	51	37.1
	MIN	-5	8	24	13	0	19	0	-8	12	18	13	16	28	19	21	5	13	23	30	25	38	34	29	14	10	19	33	43	48	40	36	19.9
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	35	18	37	37	29	28	33	19	20	30	31	35	40	36	29	34	34	44	54	52	51	47	52	47	28	33	48	54	64	63	54	39.2
	MIN	11	10	17	26	3	4	14	-5	-5	14	17	16	11	28	23	4	5	10	15	19	20	33	36	19	12	10	13	24	35	41	39	16.7
BARBOURVILLE	MAX			39	39	34	38	39	38	40	35	35	36	47	35	38	42	39	51	57	52	48	65	66	50	33	37	55	60	68	68	62	46.4
	MIN	20	20	28	30	9	10	20	5	4	30	23	13	14	14	21	23	11	11	17	22	25	31	33	22	13	12	15	24	31	31	25	19.6
BAXTER	MAX	34	33	38	42	35	37	37	22	35	35	36	42	47	42	30	32	43	49	54	48	48	59	60	46	30	38	52	57	61	61	57	43.2
	MIN	27	24	28	32	10	10	20	4	4	27	33	29	30	25	22	23	15	15	18	18	25	25	31	22	21	14	14	21	29	30	37	22.0
BLAINE 2 W	MAX	35	32	37	38	30	30	35	20	23	31	37	36	40	40	27	32	38	46	55	50	47	48	52	44	24	32	56	60	63	63	54	40.5
	MIN	13	13	18	27	1	1	14	4	-8	12	20	12	13	26	22	18	4	3	9	13	13	29	32	18	4	3	8	30	32	33	39	15.4
CUMBERLAND	MAX	34	44	41	40	41	41	37	34	34	36	37	34	43	34	30	43	51	57	50	54	60	61	43	34	37	55	53	57	64	63	66	45.4
	MIN	24	18	34	24	8	22	12	1	22	30	29	30	29	25	19	22	9	11	15	19	25	26	29	28	13	9	13	16	24	36	39	21.3
DEWEY DAM	MAX	35	25	35	40	31	28	35	20	24	33	33	38	40	39	30	33	33	40	44	47	48	52	50	48	27	30	42	56	62	64	58	39.4
	MIN	18	17	23	30	5	5	19	-1	0	21	24	20	20	30	25	23	10	11	15	18	18	28	30	19	8	8	10	12	34	37	40	18.6
GRAYSON 3 SE	MAX	35	16	37	37	28	28	33	17	18	29	30	32	37	34	28	32	33	41	54	51	47	46	53	40	28	31	48	55	63	61	54	37.9
	MIN	10	9	16	25	-1	0	13	-11	-10	16	12	12	14	25	22	5	2	3	10	16	17	36	38	16	6	6	11	21	41	42	38	14.8
HEIDELBERG LOCK 14	MAX	34	32	36	35	31	33	35	24	31	33	34	38	38	35	35	35	45	53	53	51	52	58	60	35	35	49	57	62	64	61	54	42.8
	MIN	17	21	31	24	5	19	12	-4	20	30	22	24	32	23	23	17	7	13	20	19	31	30	34	19	9	12	21	34	36	42	42	22.1
HINDMAN 11 NNE	MAX	35	29	35	39	32	30	37	23	25	33	34	37	42	40	29	33	31	45	49	48	51	53	57	46	27	42	46	57	61	65	58	40.9
	MIN	19	20	27	30	7	8	18	0	1	22	27	21	24	26	23	21	10	10	13	18	19	28	31	21	8	8	12	21	32	33	42	19.4
HYDEN	MAX	36	28	36	38	32	33	36	21	28	33	34	35	41	37	29	34	38	49	56	46	51	56	62	46	30	34	52	60	64	64	61	41.9
	MIN	22	22	27	31	8	7	18	2	2	25	29	29	30	24	24	24	12	12	12	21	23	31	30	20	9	9	13	22	30	30	42	20.6
JACKSON	MAX	35	26	41	42	32	32	36	20	29	33	33	37	42	39	28	34	38	46	55	51	48	54	58	48	34	36	52	59	65	64	59	42.1
	MIN	18	19	25	28	5	6	16	2	0	21	24	22	23	24	22	22	8	8	13	18	18	29	34	18	9	8	13	21	31	36	42	18.8

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	16	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	24	36	39	32	33	33	31	28	33	32	32	41	34	27	31	30	43	51	49	44	54	60	51	29	33	51	59	63	65	58	61	41.5
	MIN	15	22	32	13	8	24	6	3	25	30	27	30	27	19	21	9	4	14	20	21	34	36	25	18	12	15	25	37	35	45	43	22.4
MANCHESTER 4 SE	MAX	33	36	38	35	37	35	35	30	34	34	35	47	43	33	33	36	49	47	47	49	58	62	58	33	37	54	59	66	66	61	63	44.6
	MIN	19	25	33	26	7	22	16	2	24	32	29	32	32	22	23	21	10	15	19	21	35	30	32	19	9	12	21	35	36	40	45	24.0
MC KEE	MAX	35	25	40	38	28	33	35	20	26	32	31	33	40	35	25	32	36	47	54	53	44	50	60	44	30	36	53	56	64	60	55	40.3
	MIN	14	14	25	26	3	3	15	-5	-5	23	23	23	23	20	20	18	4	4	12	17	22	35	35	19	8	8	12	24	36	38	32	17.6
MIDDLESBORO	MAX	36	33	42	42	32	38	36	22	33	33	36	42	45	36	27	32	39	48	54	52	48	63	63	49	33	38	51	55	60	60	60	43.2
	MIN	26	25	29	32	12	12	20	5	5	28	32	31	32	24	21	24	15	15	18	20	28	30	31	24	16	15	15	23	30	31	41	22.9
MONTICELLO	MAX	31	41	44	34	38	36	35	33	36	35	35	38	39	32	33	34	43	56	55	50	58	61	53	33	35	56	61	66	67	62	65	45.0
	MIN	12	22	33	24	9	28	13	3	28	31	28	30	31	16	21	23	8	16	22	22	37	34	33	20	11	16	29	43	40	48	45	25.0
MOUNT VERNON	MAX	32	36	40	31	34	34	33	28	35	34	34	40	38	33	32	35	45	52	49	46	47	56	56	31	35	54	56	63	62	59	56	42.5
	MIN	9	12	31	20	3	25	8	-3	20	28	24	25	29	16	19	12	6	15	22	21	40	37	31	16	7	14	31	43	43	50	42	22.5
PIKEVILLE	MAX	34	37	41	36	34	35	34	30	34	38	40	44	41	36	33	41	51	51	55	55	60	59	46	34	32	50	57	67	67	56	63	44.9
	MIN	23	24	34	27	10	20	17	4	22	32	32	26	32	29	26	26	16	19	22	25	36	31	33	22	13	14	24	37	35	40	44	25.6
SOMERSET 2 N	MAX	33	35	38	33	34	34	33	25	35	35	35	39	37	29	34	33	44	53	48	44	56	60	53	33	38	54	58	64	62	56	61	42.8
	MIN	9	22	32	21	6	29	11	1	24	29	25	28	27	17	20	14	0	10	20	22	34	32	32	18	12	14	24	41	39	47	43	22.7
STEARNS	MAX	38	38	41	40	27	37	34	19	34	35	34	33	35	33	30	30	42	41	50	50	46	58	60	42	31	38	54	59	64	65	62	41.9
	MIN	15	22	29	26	7	7	15	-1	10	32	30	28	25	17	16	21	24	26	29	27	28	29	28	18	9	10	13	40	39	39	46	22.7
TOMAHAWK 1 WSW	MAX	31	33	35	38	30	28	35	22	22	34	34	37	42	39	30	33	35	42	52	49	49	52	56	45	27	30	46	58	63	64	54	40.2
	MIN	15	15	21	28	4	4	15	-3	-2	20	20	14	17	28	23	20	8	8	12	15	15	25	26	17	5	5	9	27	35	35	40	16.8
VANCEBURG	MAX	21	28	34	28	28	24	16	18	23	32	36	34	31	31	21	27	39	52	49	42	43	47	42	27	26	49	53	58	61	52	46	36.1
	MIN	8		24	19	-4	12	6	-15	10	13	12	14	21	21			0	7	15	12	33	32		13	4	8	18	34	38	42	32	15.9
WEST LIBERTY	MAX	35	23	40	37	29	34	34	19	25	32	31	40	41	37	25	33	35	45	55	50	44	48	54	40	31	32	53	56	63	62	55	39.9
	MIN	15	15	17	25	3	3	14	-7	-7	17	17	17	19	24	22	13	6	6	12	16	16	36	35	17	8	8	15	26	37	36	40	16.8
WILLIAMSBURG 1 E	MAX	34	40	42	39	40	36	35	38	36	36	35	45	43	34	32	35	47	56	54	49	55	62	63	60	35	55	59	64	67	61	67	46.9
	MIN	18	23	35	26	10	32	3	16	16	33	30	31	30	20	22	22	11	20	25	24	38	42	32	34	19	16	31	39	39	40	40	26.4

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BEAVER DAM	SNOWFALL		-	-			-			-				-	-	-																
	SN ON GND	4	2	1	1		1	1	1	1	1			8	10	8	8	8	4	2												
FORDS FERRY DAM 50	SNOWFALL	1.5	T	T			.5	T		T	T			5.5	1.0	3.0	T								T							
	SN ON GND	2	2	2	2	1	1	1	1	1	1	1	1	6	7	10	8	8	6	5	3	2	1	T	T	T	T					
HENDERSON 7 SSW	SNOWFALL		T				2.0			1.0				6.0	3.0	T								T								
	SN ON GND	1	1	1	T		2	2	1	2	2	1	1	6	8	7	6	4	3	1	1	T	T	T								
HOPKINSVILLE	SNOWFALL	4.0	T	T	T		T	T						6.0	1.5	2.0																
	SN ON GND	4	4	2	2	1	T	T						6	7	9																
MURRAY	SNOWFALL	1.8						T		T				5.8	2.4	2.1																
	SN ON GND	6	4	3	1	1	T	T	T	T	T	T	T	6	8	9	8	6	5	3	2	T	T									
OWENSBORO 2 W	SNOWFALL	1.5					1.0			.5				3.0	4.0	1.0																
	SN ON GND	2	1	1	1	1	2	2	2	2	2	2	1	4	8	9	8	7	5	3	3	2	2	T	T	T	T					
PADUCAH FAA AIRPORT	SNOWFALL	T	T			T	T	T	T	T			3.0	2.1	3.0	T																
	SN ON GND	1	1	1	1	1	T	T	T					4	5	8	7	5	3	2	1											
RUSSELLVILLE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * CENTRAL 02																																
BARDSTOWN S J PREP SCH	SNOWFALL	T	T	T			1.0	T		1.2				3.0	3.1	T																
	SN ON GND	5	3	2	2	2	2	2	2	3	3	3	3	5	7	6	5	4	3	1												
BOWLING GREEN FAA AP	SNOWFALL	T					T	T	T	T	T		2.0	3.0	3.0	.4																
	SN ON GND	7	7	3	2	1	T	1	1	1	1			4	5	8	5	3	1	1												
CAMPBELLSVILLE	SNOWFALL	.2			T		.5	.1		.6	.1			4.0	.4	.3								T								
	SN ON GND	7	4	2	2	1	1	1	1	1	1	1	1	5	5	5	4	3	2	2	1	T										
IRVINGTON	SNOWFALL			T	T		.9	T		1.8		.5	T	5.5	5.0	T																
	SN ON GND	2	1	T	T	T	1	1	1	2	1	2	2	7	11	8	7	6	5	4	3	1	T	T	T	T	T	T				
LOUISVILLE WB AP	SNOWFALL	T	.1		T		1.7	T	T	1.3	T		1.2	5.7	3.8	T								T								
	SN ON GND	2	1	T	T		T	1	1	2	2	2	1	5	6	7	6	5	5	3	2	T	T									
	WTR EQUIV	.1								.2	.2	.2		.3	.5	.7	.6	.4	.4	.3	.2											
MAMMOTH CAVE PARK	SNOWFALL	T					T							2.0	3.0	1.0																
	SN ON GND	7	6	3	2	2	2	2	2	1	1	1	1	3	6	6	4	4	2	1	1	T	T	T	T							
MILLERSTOWN	SNOWFALL	3.0		.5			.5	.5	1.0	1.0				3.0	3.8																	
	SN ON GND	6	5	5	3	2	2	3	3	2	2	1	1	4	7	7	7	6	5	4	2	1	T	T								
SUMMER SHADE	SNOWFALL			-			-			-	-			2.0	1.0	T																
	SN ON GND	7	5	1	1	T	T	T	T	T	T	T	T	2	3	3	3	2	1	T	T	T										
* * * BLUE GRASS 03																																
BEREA COLLEGE	SNOWFALL	-	-										-	-	-	-																
	SN ON GND	8	3	1	T								T	4	7	7	6	4	3	1	T											
COVINGTON WB AIRPORT	SNOWFALL	T	.1		T	T	1.9	T	.1	.3			.3	4.1	.7	1.2								T	T							
	SN ON GND	1	1	1	1	T	T	2	2	2	2	2	1	4	6	5	5	4	4	2	1	T	T	T	T	T						
	WTR EQUIV							.2	.2	.2	.2	.2		.4	.5	.6	.7	.6	.6	.4												
CYNTHIANA	SNOWFALL	3.7				T		2.1		5.1	.7			3.0	2.1	.5	.2									T						
	SN ON GND	4	4	2	1	1	1	2	2	6	5	5	4	7	8	7	7	7	5	4	4	3	1	T	T	T						
DANVILLE	SNOWFALL	5.0	T		.1			1.0		1.0	.2			4.0	1.0	.2	.2															
	SN ON GND	7	6	2	2	2	1	2	2	3	2	2	2	6	6	6	6	6	5	3	3	1	T									
FARMERS 1 WNW	SNOWFALL	7.0						1.0	T	1.5				2.0	2.0	1.0	T								T							
	SN ON GND	9	6	4	2	2	2	2	2	4	4	4	2	3	5	5	5	4	3	2	2	1	T		T							
GEST LOCK 3	SNOWFALL	-						-		-				-	-																	
	SN ON GND	2	2	1	1	T	T	2	2	3	3	3	2	4	7	7	6	5	4	2	1	1	T									
LEXINGTON WB AIRPORT	SNOWFALL	.1	T	T	T		.6	T		2.2			T	5.3	3.3	.6								T	T							
	SN ON GND	8	6	2	2	2	2	2	2	4	4	4	4	7	9	10	9	8	7	6	5	3	1	T	T	T						
	WTR EQUIV	.3	.4	.4	.2	.2	.2	.2	.2	.4	.9	.7	.5	.9	1.6	1.3	1.2	1.3	1.4	1.3	1.2	1.0										
MAYSVILLE SEWAGE PLANT	SNOWFALL							-		-	-			-	-	-										T						
	SN ON GND	2	2	1	1	T	T	1	1	2	2	1	1	3	3	3	1	1	1	1	T	T	T									
WILLIAMSTOWN 3 NW	SNOWFALL	T	T		T		1.5	.2		1.5			T	2.5	3.0	.5								T	T							
	SN ON GND	2	2	2	1	1	3	3	3	4	4	4	3	5	8	8	7	7	5	3	2	T	T	T	T	T	T	T	T			
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL	1.0			T		T	T		.5	.5	1.0	T	T	3.5	1.5	.5							T	.5							
	SN ON GND	1	T		T		T	T	T	T	T	T	T	T	2	3	3	1	T	T	T			T	T							
DEWEY DAM	SNOWFALL	1.0	T	T	.5	T			T	1.0	4.0			1.0	1.0	1.0	1.0															
	SN ON GND	6	5	3	1	T	T	T	T	1	4	2	2	2	2	2	2	1	T	T	T	T	T									
HAZARD WATER WORKS	SNOWFALL	-		-	-										-	-	-															
	SN ON GND	6	4	2	T	T	T	T	T	T	T	T	T	T	2	1	1	T	T	T	T	T										
HEIDELBERG LOCK 14	SNOWFALL	-		-	-			-		1.0				-		-																
	SN ON GND	-	-	-	-	-	T	1	T	1	1	1	1	2	2	3	3	1	1	T	T	T	T									
LONDON FAA AP	SNOWFALL	T			T		.1	T		.6			T	6.0	T	.6								T								
	SN ON GND	6	5	2	T	T	T	T		1	T	T		3	4	5	4	3	2	1												
MIDDLESBORO	SNOWFALL	-						-		-						-																
	SN ON GND	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-															
MONTICELLO	SNOWFALL	2.5						T						3.8	2.0	.5	.5															
	SN ON GND	4	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	-	-	-	-	-										
PIKEVILLE	SNOWFALL	T		3.5	T		T	T		2.8				.1	.3	.2								.1								
	SN ON GND	5	5	1	T	T	T	T	T	2	1	T		T	T	T								T	T							
SOMERSET 2 N	SNOWFALL		-		-					-	-			-	-	-																
	SN ON GND									1	1	1	1	6	7	6	5	4	2	1	1	T										

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BARDSTOWN S J PREP SCH																																	
4 INCHES	MAX	37	37	37	37	37	35	35	35	34	34	34	34	34	34	34	34	34	34	34	34	34	40	40	40	36	36	35	41	44	46	50	36.8
	MIN	37	37	37	37	35	35	35	34	33	34	34	33	34	34	33	34	34	34	34	34	34	34	40	36	36	34	34	34	41	44	45	35.6
20 INCHES	5 PM	43	43	42	42	42	42	42	41	40	40	40	40	39	39	39	39	39	39	38	38	38	38	39	39	39	39	39	39	40	41	42	40.0
BEREA COLLEGE																																	
4 INCHES	MAX	36	36	36	36	37	34	33	34	33	32	32	32	32	32	32	32	32	32	33	32	32	32	33	34	34	34	36	36	37	37	40	34.0
	MIN	36	36	36	36	34	34	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	34	35	36	36	37	33.3
20 INCHES	5 PM	43	42	42	41	41	40	40	39	39	38	38	38	38	38	38	38	38	38	37	37	37	37	37	37	37	37	37	38	38	38	39	38.5
CAMPBELLSVILLE																																	
4 INCHES	MAX	36	36	36	36	36	35	35	35	34	34	34	34	34	34	34	34	34	34	34	35	48	42	42	41	35	34	37	43	45	46	50	37.3
	MIN	34	36	36	36	35	34	35	34	34	34	34	34	34	34	34	34	33	34	34	34	35	38	41	35	34	34	34	37	42	45	45	35.7
20 INCHES	6 PM	42	41	41	41	40	40	40	40	39	39	39	38	38	38	38	38	38	38	38	38	38	38	39	39	38	38	38	38	40	41	42	39.1
CUMBERLAND GAP PARK																																	
4 INCHES	MAX	37	37	37	38	38	35	34	35	33	33	34	36	37	37	40	36	36	34	34	35	40	40	40	-	41	37	35	40	40	42	46	37.2
	MIN	37	37	37	37	35	34	34	33	33	32	32	33	36	37	36	36	34	34	34	34	35	38	40	-	36	35	34	35	38	40	42	35.6
20 INCHES	5 PM	43	44	43	44	43	42	42	41	41	37	39	40	40	40	40	40	40	40	40	39	40	40	41	-	42	41	40	40	41	41	42	40.9
FLEMINGSBURG 1 SW																																	
4 INCHES	MAX	33	33	33	33	33	32	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	33	33	33	32	31	31	35	37	40	41	32.5
	MIN	31	33	33	33	32	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	33	31	31	31	31	30	35	37	39	31.8
20 INCHES	6 PM	41	41	41	41	41	40	40	39	40	39	39	39	39	39	38	38	38	38	38	38	38	38	38	38	38	38	37	37	37	38	38	38.8
GLASGOW WKAY																																	
4 INCHES	MAX	39	39	39	39	39	38	38	38	36	36	36	36	36	36	37	37	37	37	37	37	39	40	40	40	38	36	38	39	43	44	46	38.4
	MIN	39	39	39	39	38	38	38	36	36	36	36	36	36	36	36	37	37	37	37	37	37	39	40	38	36	35	35	38	39	43	44	37.6
20 INCHES	6 PM	43	42	42	42	42	41	41	40	40	40	39	39	39	39	39	39	39	39	39	39	40	40	41	39	40	39	39	40	41	42	43	40.2
GREENVILLE 2 W																																	
4 INCHES	MAX	36	36	36	37	36	35	34	34	34	34	39	34	34	33	33	33	33	33	33	34	35	36	36	37	34	34	38	42	44	46	47	36.1
	MIN	35	35	35	36	35	34	34	34	34	33	34	34	33	33	33	33	33	33	33	33	34	34	35	34	34	34	34	38	42	44	46	35.0
20 INCHES	6 PM	43	43	42	42	42	41	40	40	40	39	39	40	39	39	39	39	39	39	39	39	39	39	39	39	39	38	39	39	40	42	43	40.0
HENDERSON 7 SSW																																	
4 INCHES	MAX	39	39	38	38	38	38	37	37	36	36	36	36	36	36	36	36	36	36	36	37	40	40	40	40	39	38	40	42	44	46	48	38.5
	MIN	39	38	38	38	37	37	37	36	36	36	36	36	36	36	36	36	36	36	36	36	37	40	40	39	38	38	38	40	42	44	46	37.9
20 INCHES	6 PM	43	42	42	42	42	41	41	41	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	41	42	43	44	40.8
IRVINGTON																																	
4 INCHES	MAX	38	38	38	38	38	38	37	37	37	37	37	37	37	36	36	36	36	36	36	36	36	39	39	38	38	38	39	41	44	47	48	38.3
	MIN	38	38	38	37	37	37	37	37	37	36	37	36	36	36	36	36	36	36	36	36	36	36	39	38	38	37	38	39	41	44	46	37.6
20 INCHES	6 PM	42	41	41	41	40	40	40	39	39	39	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	39	40	41	38.9
LEXINGTON CAMPUS FARM																																	
BARE GROUND																																	
1 INCH	MAX	32	-	32	33	33	33	33	33	33	33	33	33	33	34	34	33	33	34	34	34	33	35	39	32	34	36	36	50	48	51	52	35.9
	MIN	31	-	31	32	32	32	32	31	31	32	32	32	32	32	32	32	32	33	33	33	33	32	31	27	22	34	31	34	39	43	42	32.5
2 INCHES	MAX	32	-	32	33	33	33	33	33	33	33	33	33	33	34	33	33	33	33	33	33	33	35	38	32	32	32	33	47	47	49	51	35.2
	MIN	30	-	31	32	32	32	32	31	31	32	32	31	32	32	32	32	31	33	33	33	33	32	32	30	24	25	30	33	39	43	43	32.3
4 INCHES	MAX	33	-	32	34	34	34	34	34	34	34	34	34	34	34	34	34	33	34	34	34	34	35	38	33	32	32	32	43	46	47	48	35.4
	MIN	32	-	32	32	33	32	32	32	32	32	32	32	32	33	33	32	32	33	33	34	34	32	33	32	30	29	30	32	39	46	43	33.2
8 INCHES	MAX	35	-	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	37	35	34	33	33	40	44	45	45	36.0
	MIN	33	-	34	34	34	34	34	34	34	34	34	34	34	34	34	33	33	34	35	35	35	33	35	34	32	32	32	33	39	43	42	34.5
SOD																																	
1 INCH	MAX	37	-	36	37	34	35	35	33	32	33	33	33	34	36	36	36	35	36	37	37	37	38	39	35	33	33	36	41	43	44	45	36.3
	MIN	34	-	35	34	33	32	33	31	31	31	31	32	33	34	35	34	33	35	36	36	36	36	35	33	30	30	31	36	39	43	43	34.2
2 INCHES	MAX	37	-	36	37	35	35	36	34	33	34	34	34	35	37	36	37	35	36	37	37	37	37	39	35	34	33	35	40	43	44	44	36.5
	MIN	35	-	36	35	34	33	34	32	32	32	32	32	34	34	35	35	34	35	36	36	36	36	35	34	31	31	31	35	39	43	43	34.7
4 INCHES	MAX	37	-	36	37	35	35	36	34	34	34	34	34	35	36	36	36	36	36	37	37	37	37	39	36	34	33	35	39	42	43	43	36.4
	MIN	35	-	36	35	35	34	34	32	32	33	33	33	34	34	35	35	34	35	36	36	36	36	36	34	32	31	32	35	38	42	42	34.8
8 INCHES	MAX	38	-	38	39	38	37	38	37	35	35	36	36	36	37	37	37	37	37	38	38	38	37	39	37	36	35	35	38	41	42	43	37.5
	MIN	36	-	37	37	36	36	36	35	34	34	35	34	35	35	36	36	35	36	37	37	37	36	37	36	34	33	33	35	38	41	42	36.0
20 INCHES	7 PM	40	-	40	40	41	41	39	39	40	38	39	39	38	40	39	38	38	40	40	40	40	39	39	40	39	38	37	38	40	40	41	39.3
40 INCHES	7 PM	45	-	45	45	45	45	44	44	44	43	44	44	42	44	43	42	42	43	44	44	43	43	42	43	43	42	41	42	42	41	42	43.2
MAYFIELD RADIO WNGO																																	
4 INCHES	MAX	36	39	36	37	34	37	37	39	36	36	36	37	36	36	35	36	38	37	35	39	39	43	43	40	38	39	44	45	49	50	49	39.1
	MIN	30	33	32	33	28	33	35	35	35	36	34	36	34	35	34	35	36	35	34	34	39	39	40	35	34	38	38	44	42	49	48	36.2
20 INCHES	5 PM	42	42	39	40	37	39	40	40	40	40	40	40	39	39	40	40	40	40	39	39	38	47	47	45	40	40	40	41	41	41	42	40.5

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PRINCETON 1 SE																																	
4 INCHES	MAX	34	34	34	34	34	34	34	34	33	33	33	33	33	32	32	32	32	32	32	32	32	33	33	33	33	33	35	39	42	44	45	34.3
	MIN	34	34	34	34	34	34	34	33	33	33	33	33	32	32	32	32	32	32	32	32	32	32	33	33	33	32	33	35	39	42	44	33.8
20 INCHES	5 PM	42	42	42	42	42	41	41	40	40	40	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	41	42	43	40.0
QUICKSAND																																	
4 INCHES	MAX	35	35	35	35	35	33	33	33	34	34	34	32	32	32	32	32	32	32	32	32	36	40	39	39	34	37	37	39	41	42	43	35.2
	MIN	35	35	35	34	33	33	33	32	33	34	32	32	32	32	32	32	32	32	32	32	32	35	39	34	33	32	37	32	37	40	42	33.9
20 INCHES	4 PM	40	40	40	39	39	37	37	36	37	37	37	36	36	36	36	36	36	36	36	36	36	37	37	37	37	36	36	36	36	39	40	37.1
SANDY HDDK 5 NE																																	
4 INCHES	MAX	35	36	36	36	36	36	34	33	33	33	33	33	33	33	33	33	33	33	33	34	35	42	39	39	35	33	33	41	43	44	44	35.7
	MIN	35	35	35	36	34	34	33	33	33	33	33	33	33	32	33	33	33	33	33	33	34	35	39	35	33	32	33	33	40	43	44	34.5
20 INCHES	6 PM	42	42	42	42	41	41	40	39	39	39	39	39	39	39	39	38	38	38	38	38	37	37	39	39	38	38	38	38	39	40	41	39.2
SOMERSET 2 N																																	
1 INCH	MAX	38	38	38	38	35	36	33	33	33	33	35	36	36	36	36	36	35	34	34	36	42	44	43	39	36	37	39	44	48	45	48	37.9
	MIN	37	37	37	35	32	33	33	31	31	31	32	34	35	36	35	35	34	32	32	32	35	39	39	33	32	32	33	39	40	42	44	34.9
4 INCHES	MAX	38	38	39	38	38	38	35	35	35	33	34	36	35	35	36	36	36	35	34	35	40	41	42	40	37	36	37	41	46	45	46	37.7
	MIN	37	37	38	37	34	35	35	32	32	32	32	34	35	35	34	35	35	34	33	34	34	39	40	35	34	34	34	37	41	43	44	35.6
20 INCHES	6 PM	45	41	44	44	43	43	42	41	41	41	41	41	41	41	41	41	41	41	41	40	41	42	42	42	41	41	41	41	42	43	44	41.7
WILLIAMSTDWN 3 NW																																	
4 INCHES	MAX	37	37	36	36	36	36	36	36	35	36	36	36	36	36	36	36	36	36	36	36	36	38	37	36	36	35	38	38	41	43	43	36.8
	MIN	–	–	–	–	35	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	36	34	–	35	–	35	35	38	40	40	•
20 INCHES	6 PM	42	42	41	41	40	40	40	40	40	40	40	40	39	39	39	39	39	39	39	38	38	39	39	39	39	38	38	39	40	40	–	39.5

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN S.J. PREP SCHOOL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

OBSERVATIONAL TIME FOR SOIL TEMPERATURE SAME AS LATE AFTERNOON AIR TEMPERATURE TIME.

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN S J PREP SCH	0397	02	NELSON	8	37 48	85 28	631	5P	5P		GH	ST. JOSEPH PREP. SCHOOL
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	590	8A	8A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 20	390				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		C GH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE	1256	02	TAYLOR	3	37 20	85 21	771	6P	6P		GH	ALVA MC KINLEY
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	450		6P			JOE RAY ALLEN
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		PHILLIP O. THACKER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			KENTUCKY UTILITIES
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 39	864		8A			MISS ESTHER WILSON
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			WILLIAM F. BRAMBLETT
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	650	6P	6P		GH	WAYDE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD	4703	02	GRAYSON	3	37 29	86 18	642	6P	8A			CLYDE STIFELEATHER
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.+E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN. JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	650	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY RHEFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	RICHARD T. SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG 2 N	5430	03	NICHOLAS	5	38 19	84 09	810				C	BLUE STAR NURSERY
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	116	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	578		7A		C	JOE M. SLAYDEN
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL 2 WNW	6013	04	CARTER	7	38 19	83 12	895				C	GEORGE E. DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		7A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	WM C JARRELLS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TATHAM SPRINGS	7924	02	WASHINGTON	8	37 52	85 09	670				C	CHARLIE S. KAYS
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1630		8A			MRS. KATHLEEN H. PETERS
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 2 SSE	8482	04	FLOYD	1	37 25	82 48	920				C	LARRY L. BRADLEY
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. MELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index. No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are esentailly accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY

FEBRUARY 1968

Volume 63 No. 2

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	42.0	23.2	32.6		62	1	10	23	932	0	5	26	0	1.74		1.24	1	.7	0		2	1	1
BEAVER DAM	42.3	19.6	31.0		65	1	2	22	982	0	4	27	0	1.15		1.03	2		2	7	1	1	1
FORDS FERRY DAM 50	38.9	22.4	30.7		62	1	8	22	989	0	7	27	0	1.53	- 1.80	1.40	2	1.3	1	7	1	1	1
GILBERTSVILLE 1 SE	42.8	22.7	32.8		64	1	7	11	927	0	4	26	0	1.93		1.05	1	T	0		2	2	1
GOLDEN POND 8 N	41.6	22.4	32.0		66	2	10	22+	948	0	6	26	0	2.32		2.21	2	T	0		1	1	1
GREENVILLE 2 W	41.7	20.2	31.0	- 8.4	65	1	3	22	980	0	4	27	0	1.41	- 2.30	1.26	2		2	7	2	1	1
HENDERSON 7 SSW	40.7	21.9	31.3	- 7.3	62	1	5	22	970	0	8	27	0	1.16	- 2.35	.72	1	1.0	1	7	2	1	0
HICKMAN 1 E	43.2	23.5	33.4		62	2	11	22	910	0	2	25	0	0 1.87		1.09	1	4.0	1	21	3	2	1
HOPKINSVILLE	42.2	18.8	30.5	- 9.2	66	2	5	22	992	0	4	27	0	1.08	- 2.93	.93	2	1.6	1	7	1	1	0
LOVELACEVILLE	42.2	22.1	32.2	- 8.0	63	1	8	22	944	0	5	27	0	1.63	- 2.50	.87	1	1.0	T	15+	3	2	0
MADISONVILLE 1 SE	42.2	21.0	31.6		66	1	5	22	960	0	3	27	0	1.93		1.84	2	.5	1	7	1	1	1
MAYFIELD RADIO WNGO	45.0	23.1	34.1		65	2	9	11	891	0	2	26	0	0 2.46		2.20	1	1.5	0		2	1	1
MURRAY	41.0	22.8	31.9	- 9.0	66	2	9	22	952	0	7	26	0	2.60	- 1.49	2.41	2	1.8	1	15	2	1	1
OWENSBORO 2 W	40.9	21.1	31.0	- 7.4	67	1	1	22	978	0	5	27	0	1.09	- 2.29	.95	2	1.0	1	8+	2	1	0
PADUCAH FAA AIRPORT	39.9	22.2	31.1		61	1	10	22+	979	0	7	26	0	1.90		1.79	1	2.0	T	15+	1	1	1
PADUCAH	42.6	22.9	32.8		62	1	9	22	927	0	3	26	0	1.36	- 2.40	.91	1	.3	0		2	1	0
PRINCETON 1 SE	42.4	20.9	31.7	- 8.1	61	2+	3	22	958	0	4	27	0	2.05	- 1.93	1.66	2	2.2	1	10	2	1	1
ROCHESTER LOCK 3	40.2	18.5	29.4		64	2	4	23+	1030	0	8	27	0	.82		.69	2		T	27+	1	1	0
RUSSELLVILLE	41.3	18.0	29.7	- 9.2	63	2	2	22	1016	0	5	27	0	.85	- 3.47	.53	2				2	1	0
DIVISION			31.6	- 8.1										1.63	- 2.24			1.3					
* * * CENTRAL 02																							
ANCHORAGE	39.6	18.5	29.1	- 7.3	62	1	0	22	1037	0	6	27	1	1.02	- 2.16	.64	2	3.5	3	22+	3	1	0
BARDSTOWN 5 J PREP SCH	42.1	18.6	30.4		64	2+	3	22	997	0	4	27	0	.59		.33	2	T	T	29+	2	0	0
BARREN RIVER RESERVOIR	42.3	18.1	30.2		64	1	4	23+	1000	0	4	27	0	.54		.37	2	T	T	15	2	0	0
BOWLING GREEN FAA AP	40.7	21.2	31.0	- 9.1	63	1	6	22	980	0	5	27	0	.69	- 3.43	.35	1	1.3	1	8	2	0	0
BRADFORDSVILLE	42.1	16.8	29.5		63	1	- 2	22+	1024	0	4	25	2	.82		.50	2		T	21	2	1	0
CAMPBELLSVILLE	41.4	20.0	30.7		63	2+	3	22	987	0	4	27	0	.52		.37	2	.3	T	29	1	0	0
CECILIA	40.8	19.0	29.9	- 7.2	62	1	2	22	1011	0	5	27	0	.21	- 3.65	.16	20	.2	0		1	0	0
CLERMONT 1 SSE	42.0	16.8	29.4		62	2+	- 1	22	1026	0	5	27	1	.90		.57	2				2	1	0
GLASGOW WKAY	40.5	20.1	30.3		60	1	4	22+	999	0	6	26	0	.63		.49	2	T	0		2	0	0
GREENSBURG	42.4	16.9	29.7	- 9.1	65	1	3	23+	1014	0	4	27	0	.31	- 3.66	.31	2	T	0		1	0	0
HODGENVILLE-LINCOLN NP	42.1	18.7	30.4		62	1	1	22	998	0	2	27	0	.62		.40	2	T	0		3	0	0
IRVINGTON	40.7	19.6	30.2	- 8.2	65	1	2	22	1003	0	6	27	0	.25	- 3.35	.13	20	T	T	7	1	0	0
LEITCHFIELD	40.3	21.3	30.8	- 8.2	62	1	5	22+	983	0	6	27	0	.80	- 3.19	.66	2	T	T	27+	1	1	0
LOUISVILLE	41.7	23.6	32.7		63	1	8	11	931	0	5	25	0	.87		.60	2				2	1	0
LOUISVILLE WB AP R	38.7	21.4	30.1	- 5.7	62	1	8	22	1007	0	7	27	0	.80	- 2.49	.41	1	1.8	T	29+	3	0	0
MAMMOTH CAVE PARK	42.0	18.6	30.3		61	1	- 2	22	1000	0	4	27	1	1.06		.82	2	T	T	7	2	1	0
NOLIN RIVER RESERVOIR	40.9	17.2	29.1		63	2	3	22	1036	0	5	27	0	.79		.61	2	T	T	27	2	1	0
ROUGH RIVER DAM	40.2	16.6	28.4		63	2	2	23+	1055	0	6	27	0	1.10		.75	2				2	1	0
SCOTTSVILLE 3 SSW	41.6	22.2	31.9		61	1	6	22+	952	0	4	27	0	.69		.34	2	2.0	1	7	2	0	0
SUMMER SHADE	40.6	19.9	30.3		61	1	3	22+	1000	0	5	27	0	.05		.05	15	.4	0		0	0	0
WOLF CREEK DAM	43.0	17.9	30.5		62	2	4	22	997	0	4	27	0	.45		.31	2				1	0	0
DIVISION			30.2	- 8.5										.65	- 3.19			.6					
* * * BLUE GRASS 03																							
BEREA COLLEGE	40.6	20.3	30.5	- 8.7	65	1	1	22	995	0	4	27	0	.35	- 3.41	.16	2		T	22+	1	0	0
CARROLLTON LOCK 1	41.3	17.8	29.6		63	2+	- 5	22	1021	0	6	27	2	.45	- 2.56	.22	2	2.0	2	22+	2	0	0
COVINGTON WB AIRPORT R	38.1	18.0	28.1	- 5.0	62	1	- 6	21	1063	0	7	27	2	.64	- 2.27	.28	20	3.6	3	21	2	0	0
CYNTHIANA 2	39.0M	12.6M	25.8M		53	7	- 8	22	1131	0	7	26	3									0	0
DANVILLE	39.1	17.2	28.2		64	2	5	23+	1061	0	7	27	0	.21	- 3.77	.09	21	.6	T	29+	0	0	0
DIX DAM	40.2	19.4	29.8		62	2+	3	22	1013	0	7	27	0	.42		.23	2	1.0	1	21	2	0	0
FALMOUTH 5 WNW	39.6	12.2	25.9		62	1	-18	21	1126	0	6	27	5	.41	- 2.84	.23	2	3.0	3	21	2	0	0
FARMERS 1 WNW	40.0	16.0	28.0	- 9.8	67	1	- 7	22	1065	0	6	26	3	.70	- 2.93	.25	21	3.5	2	21	2	0	0
FLEMINGSBURG 1 SW	38.5	14.7	26.6		63	1	-10	22	1105	0	7	27	3	.63		.31	20	3.6	2	23+	2	0	0
FRANKFORT LOCK 4	40.1	15.3	27.7	- 9.7	62	2	- 1	23+	1076	0	6	27	2	.58	- 2.64	.25	2	.8	T	29+	2	0	0
LEXINGTON WB AIRPORT R	37.7	18.2	28.0	- 7.8	63	1	- 1	22	1065	0	7	27	1	.71	- 2.71	.25	2	3.1	2	23+	3	0	0
MAYSVILLE SEWAGE PLANT	39.5	15.3	27.4	- 8.7	64	2	- 1	23+	1085	0	7	27	2	.48	- 2.91	.20	2	1.3	1	23+	2	0	0
MOUNT STERLING	40.4	18.0	29.2		64	1	0	22	1030	0	5	27	1	.68	- 3.00	.26	2	2.0	1	29+	3	0	0
OWENTON 2 S	40.2	12.1	26.2		61	1	-13	22+	1120	0	6	27	7	.87		.43	2				2	0	0
RICHMOND	39.2	17.2	28.2		63	2	- 2	22	1061	0	6	27	1	.50		.22	2	2.5	2	22+	2	0	0
SHELBYVILLE	37.9	16.0	27.0	-10.0	61	2	- 4	22	1097	0	7	27	2	.87	- 2.67	.49	2	1.8	2	21	3	0	0
WARSAW MARKLAND DAM	38.8	14.6	26.7	- 9.5	63	2	- 6	22	1101	0	7	27	4	.65	- 2.63	.34	2	1.5	2	21	2	0	0
WAYNESBURG 7 NE	39.8	18.5	29.2		61	1	- 1	22	1033	0	7	27	1	.52		.29	2		1	22+	2	0	0
WILLIAMSTOWN 3 NW	39.0	17.8	28.4	- 7.5	60	1	- 4	22	1057	0	6	27	2	.55	- 2.84	.33	2	4.6	4	21+	2	0	0
DIVISION			27.9	- 9.6										.57	- 2.99			2.3					
* * * EASTERN 04																							
ASHLAND	40.6	13.5	27.1	-11.5	68	2	- 1	23+	1094	0	7	27	2	.47	- 2.60	.27	21	2.7	2	21	2	0	0
BARBOURVILLE	44.2	14.7	29.5		66	1	1	23+	1026	0	4	27	0	.41		.24	29				2	0	0
BAXTER	42.3	14.5	28.4		66	1	1	23+	1052	0	5	27	0	.66		.31	2	2.0	2	29	2	0	0
BLAINE 2 W	40.4M	9.0M	24.7M		68	2	- 7	23+	1165	0	6			.48		.36	21				2	0	0
CUMBERLAND	42.4	11.8	27.1		65	1	- 5	22	1093	0	4	28	5	.89		.46	29	5.5	5	29	3	0	0

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 16

CLIMATOLOGICAL DATA

CONTINUED

KENTUCKY
FEBRUARY 1968

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
DEWEY OAM	39.9	12.3	26.1		68	2	- 1	23+	1120	0	7	27	2	.52		.20	21	I.0	1	29	3	0	0
GRAYSON 3 SE	39.6	11.7	25.7		67	2	- 6	22	1135	0	7	27	5	.60		.26	21	3.0	3	22+	2	0	0
HEIDELBERG LOCK 14 R	45.0M	15.5	30.3M		66	I	- 2	22	979	0		26	2	.54	- 3.46	.23	21		2	29	3	0	0
HINDMAN I1 NNE	40.7	13.1	26.9		68	2	1	22	I098	0	6	27	0	.53		.27	29	5.0	3	29	2	0	0
HYOEN	41.1	12.9	27.0		66	2	0	23+	1095	0	5	27	2	.76		.35	29	3.0	3	29	3	0	0
JACKSON	41.7	11.7	26.7		68	2	- 1	23+	1106	0	5	27	2	.65		.26	29	1.5	2	29	3	0	0
LONOON FAA AP	39.1	17.5	28.3		62	1	0	22	1057	0	9	27	I	.65		.33	2	3.6	2	29	3	0	0
MANCHESTER 4 SE	43.3	16.0	29.7		64	1	- 1	22	102I	0	2	27	1	.67		.34	29	4.0	4	29	3	0	0
MC KEE	39.0	10.8	24.9		62	2	- 6	23+	I157	0	7	27	6	.82		.36	2		2	29	3	0	0
MIDOLESBORD	42.3	15.7	29.0		63	I	3	23+	1037	0	5	27	0	.53		.36	2		2	29	2	0	0
MONTICELLO	41.9	18.3	30.1		63	1	1	22	1003	0	3	26	0	.38		.24	2	.5			I	0	0
MOUNT VERNDN	40.3	17.4	28.9		6I	I	- 2	22	1042	0	4	27	1	1.54		1.00	29				3	1	1
PIKEVILLE	44.8	20.2	32.5		7I	1	4	22	937	0	I	25	0	.75	- 3.05	.43	29	4.8	3	29	3	0	0
SOMERSET 2 N	40.7	17.0	28.9		61	1	- 1	22	104I	0	4	27	1	.39		.23	2	.5			2	0	0
STEARNS	38.4	17.4	27.9		56	6+	2	23+	I07I	0	8	27	0	.76		.54	2				2	1	0
TOMAHAWK 1 WSW	40.4	10.9	25.7		68	2	- 2	22	I135	0	6	27	2	.63		.32	21	6.0	I	29+	2	0	0
VANCEBURG	38.3	11.2	24.8		63	1	-I1	22	1158	0	9	27	7										0
WEST LIBERTY	40.2	11.5	25.9		68	2	- 5	24	1I28	0	7	27	5	.54		.17	21		2	29	3	0	0
WILLIAMSBURG 1 E	45.3	18.6M	32.0M	- 8.8	63	I	I	22	95I	0	1	27	0	.88	- 3.54	.47	2		2	29	3	0	0
DIVISION			27.8	-1I.7										.65	- 3.38			3.1					

EXTREMES

HIGHEST TEMPERATURE PIKEVILLE	71	OATE	01
LOWEST TEMPERATURE FALMOUTH 5 WNW	- 18	OATE	21
GREATEST TOTAL PRECIPITATION MURRAY	2.60		
LEAST TOTAL PRECIPITATION SUMMER SHAOE	.05		
GREATEST I DAY PRECIPITATION 2 STATIONS	2.41	DATE	02
GREATEST TOTAL SNOWFALL TOMAHAWK 1 WSW	6.0		
GREATEST OEPTH OF SNOW CUMBERLANO	5	OATE	29

SPECIAL WEATHER SUMMARY

It was a cold and dry month, following on the heels of a cold and relatively dry January. Temperatures averaged much below normal, the coldest February since 1963 over much of the State. As of the 29th, parts of the Commonwealth had had below average temperatures for 26 consecutive days.

Precipitation was much below average. In parts of the west it was the driest February since 1963, and over much of the balance of Kentucky it was the driest February in over 20 years. At Lexington it was the driest February since 1901, the third driest February of record.

The number of days with measurable precipitation ranged from one-third to one-half of average, and toward the latter part of the month there were numerous brush fires over the State.

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* These notes highlight several noteworthy weather events, and were compiled before data processing for this publication was completed. For further details see the accompanying tables.

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station	Total	Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	1.74	1.24	.38	T				.04	T		T					.03						T					.03	.01		.01		
BEAVER DAM	1.15	.04	1.03					.06																				.02				
CALHOUN LOCK 2	1.77	.01	1.68					T	.06												T	.02						T		T		
COBB	2.40	.10	2.03					T				T				T												.27				
DAWSON SPRINGS	2.41		2.41																													
DUNDEE 4 ESE	1.41	.06	1.15					.05	.08												.05							.02	T			
DUNMOR	1.18	.01	1.12					.01	.04								T											T	T			
ELKTON 2 S	1.23	.09	.97					.04	.06	T		.03				T	.04											T				
FORDS FERRY DAM 50	1.53	.02	1.40					.08	T			T					T				T							.03	T	T		
FRANKLIN 1 E	.93	.23	.59					T	.04			.03				T	.04											T				
GILBERTSVILLE 1 SE	1.93	1.05	.88	T				T			T		T		T	T					T				T		T	T		T		
GOLDEN POND 8 N	2.32		2.21					.05								T														.06		
GREENVILLE 2 W	1.41		1.26					.12	T		T					T												.03				
HARTFORD 6 NW	1.87		1.81					.04	.02	T												T	T					T	T	T		
HENDERSON 7 SSW	1.16	.72	.34					.08								T					T							.02	T			
HICKMAN 1 E	D 1.87	1.09	.53					.02	T							.15					T 0	.08	T				T	T		T		
HOPKINSVILLE	1.08	.07	.93					.04	T			.01				T												.03				
LOVELACEVILLE	1.63	.87	.60					.10								T												.06				
MADISONVILLE 1 SE	1.93	.01	1.84					.07																				.01	T			
MAYFIELD RADIO WNGO	D 2.46	2.20	.03	T	T			D .15	.02		T		T		T	.02	T	T				T					T	.02	.02	T		
MURRAY	2.60	.13	2.41					T	T							.03						T						.03				
OWENSBORO 2 W	1.09		.95					.10																				.04				
OWENSBORO DAM 46	1.24	T	.98					.03	.03								T				.07	.11						.02	T	T		
PADUCAH FAA AIRPORT	1.90	1.79					T	.08			T					T					T						.03	T		T		
PADUCAH	1.36	.91	.45					T			T					T														T		
PARADISE STEAM PLANT R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PRINCETON 1 SE	2.05	.26	1.66					.05	T		.01					T												.07		T		
ROCHESTER LOCK 3	.82	.05	.69					.01	.05													.02						T				
RUSSELLVILLE	.85	.07	.53					.01	.16								.08															
SEBREE	D 1.19	.02	1.00					D .05	.04												T	.08						T				
UNIONTOWN DAM 49 //	1.61		1.47					.04	T								T				.03	.02						.05				
• • • CENTRAL 02																																
ADDISON DAM 45 //	1.31	.02	1.04					T	.03								T				.08	.14						T	T	T		
ALBANY 4 N	.42		.34														T													.08		
ANCHORAGE	1.02	.15	.64					T	T							T					.18	T							.04	.01		
BARDSTOWN S J PREP SCH	.59	.08	.33	.01					T												.12	.02		T				T	.01	.02		
BARREN RIVER RESERVOIR	.54	.12	.37						.03	.02						T	T					T										
BOWLING GREEN	.78	.10	.58						.10							T					T											
BOWLING GREEN FAA AP	.69	.35	.26					.05	T		T					.02					T						T	.01	T	T		
BRADFORDSVILLE	.82	.30	.50																			.02						T	T	T		
BROWNSVILLE	.92	.12	.79						.01	T							T				T	T						T	T	T		
BURKESVILLE 2 W	.34		.34																											T		
CAMPBELLSVILLE	.52	.03	.37						T							T					.07	T						T	.04	.01		
CANEYVILLE	1.43		1.32					T	T							T					.11							T		T		
CECILIA	.21	.05	T													T					.16							T	T	T		
CLERMONT 1 SSE	.90	.08	.57						T	T	T										.18	T						T	.04	.03		
EDMONTON	.48		.48																													
GAMALIEL 1 S	.66	.01	.61						T	T		T				T	.02				T	T						T	T	.02		
GLASGOW	.61	.10	.46					T	T			T				T	T					.05						T	T	T		
GLASGOW WKAY	.63	.14	.49					T	T							T					T							T	T	T		
GLENDALE 1 E	.95	.15	.65														T					.15							T	T		
GREENSBURG	.31	T	.31																		T								T	T		
GREENSBURG HIWAY 61	.32	T	.30																			T								.02		
HODGENVILLE-LINCOLN NP	.62	.10	.40					T								T					.10							T	.02	T		
IRVINGTON	.25	.04	.08					T	T							T					.13							T	T	T		
LEITCHFIELD	.80	.07	.66					T	T	T							T				.03	.03						T		.01		
LIBERTY	.53	T	.36																			.12								.05		
LOUISVILLE	.87	.02	.60						T												.23	T						T	T	.02		
LOUISVILLE WB AP R	.80	.41	.14					T	T	T						T				T	.22							.01	.01	.01		
LOUISVILLE UPPER GAGE	.88	.02	.64																		T	.20					T	T	.02			
MAMMOTH CAVE PARK	1.06	.24	.82					T	T							T					T	T						T	T	T		
MILLERSTOWN	.69	.11	.52					T	.01												.05							T				
MUNFORDVILLE	.99	.15	.81																		T	.03						T	T	T		
NOLIN RIVER RESERVOIR	.79	.10	.61						.03												T	.05						T		T		
ROUGH RIVER DAM	1.10	.15	.75					T	.08	T							T				.05	.07							T	T		
SCOTTSVILLE 3 SSW	.69	.07	.34					.08			T					.11												.09				
SCOTTSVILLE 2 SW	.38	T	.30						.05							T	.03					T						T	T	T		
SHEPHERDSVILLE	1.11	.12	.73							T						T					.10	.11							T	.05		
SUMMER SHADE	.05	T	T													.05					T								T	T		
WOLF CREEK DAM	.45		.31																										.09	.05		
WOODBURY LOCK 4	.75	.03	.66					T	.05	T							T					.01						T		T		
• • • BLUE GRASS 03																																
BEREA COLLEGE	.35		.16	T	T				T	T											.09	.04						T	.03	.03		
BEREA	.47	T	.20	T						T	T						T				.01	.19								.07		
CARROLLTON LOCK 1	.45	.03	.22	T							T										.05	.15	T						T	T		
COVINGTON WB AIRPORT R	.64	.04	.25						T	.03	T	T	T	T						T	.28							T	.02	.02		
CYNTHIANA	.80	.11	.31	T							T						T				.06	.27							T	.05		
CYNTHIANA 2	-	.12	.29																			-							-	-		
DANVILLE	.21	.01	.05	T													T				.02	.09							T	.04		
DIX DAM	.42	.05	.23	T																		.10							T	.04		
FALMOUTH 5 WNW	.41	T	.23	T						T	T										.02	.16							T	T		
FARMERS 1 WNW	.70	.03	.24	.04							T										.06	.25								.08		
FLEMINGSBURG	.74	.05	.22	T							T										.07	.31							T	.09		
FLEMINGSBURG 1 SW	.63	.03	.17							T											.31	.02							.05	.05		
FORD LOCK 10	.60	.03	.20	T							T						T				T	.29								.08		
FRANKFORT LOCK 4	.58	.02	.25								T						T				.03	.24	T						T	.04		
GEORGETOWN WATER WORKS	.68	.07	.30																		.07	.16								.08		
GEST LOCK 3	.65	T	.33																		.04	.24							T	.04		
HIGH BRIDGE LOCK 7	.69	.03	.29																		.03	.21								.13		
KEENE 1 SSW	.15																				T	.12								.03		
LA GRANGE 1 ESE	1.28	.10	.83						T	T											.35	T						T	T	T		
LANCASTER	.57		.30																			.20								.07		
LEXINGTON WB AIRPORT R	.71	.20	.25						T	T						T				T	.17	T						T	.04	.05		
LITTLE HICKMAN LOCK 8	.52	.05	.22																			.20								.05		
LOCKPORT LOCK 2	.64	T	.41	T							T										.03	.20							T	T		
MAYSVILLE SEWAGE PLANT	.48	.08	.20	.06																	.02	.11							T	.01		
MIDWAY	.76	.05	.41																			.20								.10		
MOUNT STERLING	.68	T	.26							T						T				T	.22							T		.20		
OWENTON 2 S	.87	.03	.43							.02											.32							T	.04	.03		
RICHMOND	.50	.03	.22								T						T				.15	.05							T	.05		
SALVISA LOCK 6	.80	.02	.48							T							T				.02	.23	T						T	.05		
SHELBYVILLE	.87	.11	.49																		.04	.16							T	.07		
SPRINGFIELD	.53	.15	.38																		T	T							T	T		
TAYLORSVILLE	.68	.04	.37																		T	.23							T	.04		
TYRONE LOCK 5	.67	.04	.42	T						T	T						T				.02	.16	T	T					T	.03		
VALLEY VIEW LOCK 9	.51	.06	.16								T						T				.04	.19							T	.06		
WARSAW MARKLAND DAM	.65	.05	.34	.02							T										T	.24							T	T		

See Reference Notes Following Station Index

DAILY PRECIPITATION

Continued

KENTUCKY
FEBRUARY 1968

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	.52		.29																			.15						T	T	.08		.
WILLIAMSTOWN 3 NW	.55	.01	.33						T	T											.18							T	.01	.02		.
* * *																																
EASTERN 04																																
ASHLAND	.47	.01	.11	.08							T	T										.27								T		.
BARBOURVILLE	.41		.12								T					T						.05							T	.24		.
BAXTER	.66		.31	.06							T						T					.09								.20		.
BLAINE 2 W	.48		.12																			.36										.
BUCKHORN	.57	.02	.10	.08							T						T				T	.12							T	.25		.
BURDINE 2 NE	.45		.15																		T	.10								.20		.
CLAY CITY 1 WNW	.21	T	.15																		T	.06								T		.
COLLEGE HILL LOCK 11	.41	T	.13	T							T						T				T	.24								.04		.
CUMBERLAND	.89	T	.26							T	.04				T	T					.13	T						T	T	.46		.
CUMBERLAND FALLS ST PK	.44	T	.14						T							.01					.04	.02						T	.03	.20		.
DEWEY DAM	.52		.05	.12							T			T								.20	T							.15		.
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		.
FOURMILE KY UTIL PARK	.55		.12																			.10								.33		.
FREEBURN 2 SW	.55		.01	.03							.02			T	T	T	T					.30	T							.19		.
FRENCHBURG	-									T							-	-	-	-	-	-	-	-	-	-	-	-	-	-		.
GRAYSON 3 SE	.60	.05	.17	T							.05										.03	.26								.04		.
HAZARD WATER WORKS	.54		.07	.06																		.12								.29		.
HEIDELBERG LOCK 14 R	.54	T	.16																		T	.23							T	.15		.
HINDMAN 11 NNE	.53		.06								T											.20								.27		.
HYDEN	.76		.12	.07						T							T					.22								.35		.
JACKSON	.65	T	.14	T																	T	.25								.26		.
JEREMIAH	.61																					.21								.40		.
LLOYD GREENUP DAM	.72	.04	.10	.07							.01			T							T	.40								.10		.
LONDON FAA AP	.65		.33						T	T	T					T					.10	.01						T	.06	.15		.
LOUISA 2	.47		.15							T	T											.22								.10		.
MANCHESTER 4 SE	.67		.18																			.15								.34		.
MARTIN	.18			.10																		T								.08		.
MC KEE	.82		.36	T												T					.05	.15							T	.26		.
MIDDLESBORO	.53		.36	.02												T	T					T								.15		.
MONTICELLO	.38		.24														.02					.05							T	.07		.
MOUNT VERNON	1.54	T														T					.40								.14	1.00		.
ONEIDA	.81		.23																			.27							.01	.30		.
PAINTSVILLE 1 S	.40		.10							.02												.14								.14		.
PIKEVILLE	.75		.14											T		T					.10	T							.08	.43		.
RAVENNA LOCK 12	.53		.16														T				T	.23							T	.14		.
SALYERSVILLE 2 SE	.42																					.22								.20		.
SOMERSET 2 N	.39		.23													T						T						T	.11	.05		.
STEARNS	.76		.54							T	T					T	T					T						T	T	.22		.
TILFORD D	.50		.20																											D .30		.
TOMAHAWK 1 WSW	.63		T	.07							.06											.32								.18		.
VANCEBURG	-	.08	T							T	T										-	-						-	-	-		.
WEST LIBERTY	.54	T	.15	.04						T	.07						T				T	.17							T	.11		.
WILLIAMSBURG 1 E	.88		.47																			.15								.26		.
WILLOW LOCK 13	.62	.01	.19	.02							T										T	.22								.18		.

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	29	5.7	9.9	25++	30	02	64	69	48	50	7	4	2	0	0	0	13	-	5.2
LEXINGTON WB AIRPORT	26	4.7	9.8	25++	17	02	67	72	49	53	6	2	3	0	0	0	11	-	5.4
LOUISVILLE WB AIRPORT	30	5.7	9.8	30	NW	02	64	70	53	48	5	3	3	0	0	0	11	62	5.5

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	62	58	50	52	50	52	48	35	44	38	26	36	31	31	41	48	38	40	40	44	32	31	38	43	45	40	41	45	40			42.0
	MIN	54	35	25	30	32	26	27	28	20	23	12	13	18	15	26	20	26	25	15	30	16	11	10	13	15	19	32	34	24			23.2
BEAVER DAM	MAX	65	62	50	52	52	55	50	34	38	36	25	33	31	34	40	49	47	35	43	39	29	28	38	44	45	48	44	41	40			42.3
	MIN	54	37	26	22	27	25	26	28	23	12	5	9	15	9	24	18	23	12	6	28	11	2	8	8	12	13	31	31	22			19.6
FORDS FERRY DAM 50	MAX	62	47	47	49	45	49	40	33	39	28	28	34	27	32	42	49	31	35	40	40	22	38	36	40	41	44	37	41	31			38.9
	MIN	46	35	28	30	31	29	28	27	23	17	13	15	16	15	27	27	20	17	15	22	11	8	13	15	18	19	31	30	23			22.4
GILBERTSVILLE 1 SE	MAX	64	56	52	53	50	54	48	34	43	39	27	36	32	33	43	50	45	36	40	44	32	32	40	44	45	46	40	44	40			42.8
	MIN	53	36	25	32	32	27	27	28	21	22	7	11	15	14	25	24	25	17	13	31	16	10	14	13	15	18	32	33	23			22.7
GOLDEN POND 8 N	MAX	61	66	49	51	53	51	54	33	34	44	28	27	38	30	34	46	49	32	36	40	44	24	31	39	44	44	42	40	42			41.6
	MIN	43	37	29	29	31	31	27	28	21	22	10	12	19	17	19	24	26	17	17	19	12	10	12	16	18	19	28	33	25			22.4
GREENVILLE 2 W	MAX	65	63	49	51	51	51	48	32	40	37	25	34	33	34	41	48	46	35	39	40	29	28	36	44	44	45	42	40	39			41.7
	MIN	55	36	24	23	27	27	26	27	21	15	5	10	15	11	24	21	23	14	8	29	13	3	10	7	13	14	30	30	24			20.2
HENDERSON 7 SSW	MAX	62	54	48	52	49	52	42	32	38	30	26	32	30	32	42	49	44	35	37	39	28	32	39	43	44	47	41	43	37			40.7
	MIN	54	36	28	29	29	28	29	29	24	14	9	15	15	13	23	24	22	12	13	27	12	5	9	16	17	18	30	32	22			21.9
HICKMAN 1 E	MAX	61	62	52	55	53	54	47	35	47	43	27	37	35	33	39	48	40	36	42	46	34	32	38	44	44	40	44	44	42			43.2
	MIN	39	35	25	28	31	27	27	27	20	25	13	13	18	18	27	23	25	19	15	32	16	11	16	17	19	22	34	34	25			23.5
HOPKINSVILLE	MAX	59	66	49	53	53	53	56	33	34	45	29	27	37	33	33	40	49	33	37	41	44	26	32	41	46	46	48	39	42			42.2
	MIN	44	35	25	25	28	27	25	24	20	18	6	6	11	12	15	20	20	17	12	12	14	5	6	15	15	16	20	30	23			18.8
LOVELACEVILLE	MAX	63	54	51	53	51	54	47	34	44	38	26	37	32	31	43	49	42	36	39	43	31	31	39	44	45	41	40	45	40			42.2
	MIN	54	35	24	30	30	26	28	27	19	23	9	11	16	14	25	20	24	16	13	31	16	8	12	13	13	17	32	32	23			22.1
MADISONVILLE 1 SE	MAX	66	58	51	52	50	54	45	33	40	36	26	35	37	34	43	49	46	35	39	41	30	29	37	43	45	47	43	42	39			42.2
	MIN	53	36	27	25	28	25	26	27	22	15	9	12	14	13	24	23	23	15	10	28	13	5	10	13	15	14	30	30	23			21.0
MAYFIELD RADIO WNGO	MAX	64	65	63	63	53	53	51	34	47	40	30	40	35	34	43	50	43	40	41	46	32	33	41	47	47	42	41	45	41			45.0
	MIN	55	39	29	24	36	25	29	27	19	23	9	17	19	11	21	21	21	16	18	30	21	11	10	11	19	21	26	31	30			23.1
MURRAY	MAX	60	66	46	52	54	52	53	33	32	44	28	27	35	30	32	38	47	33	36	41	45	24	31	38	44	44	43	40	42			41.0
	MIN	44	36	27	28	31	29	28	28	22	24	11	15	17	17	21	25	25	19	16	22	17	9	13	17	18	19	26	34	24			22.8
OWENSBORO 2 W	MAX	67	62	50	50	52	54	45	34	38	32	26	33	34	33	41	48	38	35	34	38	29	28	31	40	47	48	42	42	35			40.9
	MIN	50	37	29	28	30	30	26	29	25	13	10	13	15	13	23	23	20	12	12	27	11	1	6	10	14	19	31	32	23			21.1
PADUCAH FAA AIRPORT	MAX	61	47	51	53	51	53	40	33	43	29	26	36	30	30	42	48	35	35	39	42	24	29	38	43	45	41	39	43	31			39.9
	MIN	45	33	29	29	31	27	28	23	21	17	10	13	17	16	28	23	21	19	15	24	13	10	13	16	17	20	34	30	23			22.2
PADUCAH	MAX	62	55	50	52	52	54	51	33	43	40	25	36	35	32	43	49	47	35	40	43	33	30	39	44	45	44	39	43	42			42.6
	MIN	54	36	26	36	32	26	26	28	20	21	11	14	17	16	26	24	24	17	15	31	14	9	11	12	15	17	32	32	23			22.9
PRINCETON 1 SE	MAX	61	61	52	52	50	52	49	33	42	39	26	36	34	32	43	49	48	36	38	42	31	31	37	44	44	47	42	42	38			42.4
	MIN	55	36	26	28	29	27	26	27	21	18	4	10	14	12	24	24	23	15	10	29	14	3	10	13	9	15	31	32	22			20.9
ROCHESTER LOCK 3	MAX	59	64	47	50	52	51	53	32	34	39	25	25	29	32	34	40	48	30	35	41	41	24	32	39	39	45	47	37	41			40.2
	MIN	46	38	29	24	25	23	23	28	26	15	7	7	13	13	14	22	23	16	9	10	15	4	4	10	12	14	15	31	21			18.5
RUSSELLVILLE	MAX	60	63	49	53	52	55	55	30	35	42	28	28	36	32	34	37	48	33	37	42	43	25	33	37	46	38	49	39	40			41.3
	MIN	45	36	27	24	29	23	24	25	25	14	4	8	9	11	15	20	23	15	7	10	13	2	4	10	12	15	20	30	21			18.0
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	62	61	48	47	50	52	40	35	35	29	23	28	31	36	40	47	37	34	41	37	28	30	36	43	40	44	41	37	35			39.6
	MIN	48	35	26	25	26	24	25	26	24	7	5	8	10	10	21	21	20	12	11	25	1	0	3	14	17	13	28	30	21			18.5
BARDSTOWN S J PREP SCH	MAX	64	64	52	49	51	54	52	38	36	35	26	32	33	37	39	48	48	35	40	39	30	31	37	43	42	46	46	37	37			42.1
	MIN	51	37	26	23	26	23	22	27	25	9	4	10	13	9	22	19	23	13	7	27	5	3	6	9	17	11	27	22	22			18.6
BARREN RIVER RESERVOIR	MAX	64	63	48	52	52	56	54	34	35	42	28	27	36	33	34	38	48	34	47	42	42	25	32	40	46	47	49	40	40			42.3
	MIN	46	38	27	22	23	26	22	27	26	15	15	11	12	10	11	22	23	16	8	7	13	4	4	8	9	13	13	31	23			18.1
BOWLING GREEN FAA AP	MAX	63	55	52	51	52	55	35	36	42	27	28	36	32	35	38	47	33	37	41	42	24	31	39	46	46	46	38	39	35			40.7
	MIN	54	33	28	25	27	27	26	29	25	16	8	12	16	14	25	22	19	15	9	23	12	6	13	12	18	15	31	31	25			21.2
BRADFORDSVILLE	MAX	63	60	62	54	60	57	53	39	35	40	28	27	34	33	38	43	48	34	37	41	36	23	30	38	45	43	49	36	36			42.1
	MIN	50	50	40	28	28	15	15	28	24	7	-2	5	11	2	11	14	23	10	1	33	4	-2	5	3	9	5	19	32	20			16.8
CAMPBELLSVILLE	MAX	63	63	49	51	53	53	49	35	38	36	25	33	32	35	37	46	46	35	39	38	32	28	37	44	43	45	45	36	35			41.4
	MIN	54	36	27	23	29	22	23	29	26	11	4	12	11	10	22	22	24	14	9	32	7	3	10	11	16	13	27	32	21			20.0
CECILIA	MAX	62	59	48	50	50	52	45	35	38	32	25	35	31	35	39	48	41	35	40	38	29	30	38	45	42	45	40	38	37			40.8
	MIN	52	37	27	24	25	24	22	29	23	10	4	10	12	9	22	20	22	13	5	28	7	2	7	10	15	11	27	31	22			19.0
CLERMONT 1 SSE	MAX	62	62	50	48	50	53	53	37	35	36	32	32	32	37	39	48	45	35	39	39	30	31	39	45	42	46	46	37	37			42.0
	MIN	48	38	26	17	24	19	20	25	25	8	4	5	7	6	20	17	23	8	3	30	4	-1	4	8	13	8	26	32	20			16.8
GLASGOW WKAY	MAX	60	57	50	50	54	53	42	32	39	30	24	33	32	36	36	47	37	36	42	41	30	30	39	44	46	46	38	37	34			40.5
	MIN	54	36	21	26	28	26	21	27	24	12	4	10	14	11	25	20	21	14	8	30	10	4	11	11	15	16	30	33	22			20.1
GREENSBURG	MAX	65	64	48	52	53	57	51	36	37	42	28	28	35	36	38	40	48	35	38	42	40	26	32	43	47	45	49	38	37			42.4
	MIN	44	39	26	21	20	22	23	25	28	15	7	5	9	9	9	21	23	15	7	7	11	3	3	9	9	12	12	32	25			16.9
HODGENVILLE-LINCOLN NP	MAX	62	61	49	50	52	53	52	34	39	35	26	33	33	37	38	49	47	35	41	40	36	30	38	44	44	46	44	37	35			42.1
	MIN	52	36	24	26	26	26	23	28	23	10	3	9	9	8	22	19	22	11	6	32	6	1	7	8	15	12	26	31	20			18.7
IRVINGTON	MAX	65	61	47	49	50	53	51	35	36	31	23	30	32	34	39	47	45	33	38	38	23	30	38	46	44	46	42	39	36			40.7
	MIN	53	36	28	26	25	27	27	27	24	10	4	10	12	9	22	20	20	12	8	23	7	2	6	11	19	15	31	31	22			19.6
LEITCHFIELD	MAX	62	58	50	50	49	52	43	35	38	31	24	32	31	35	38	48	42	34	40	37	29	28	37	44	43	46	39	37	36			40.3
	MIN	56	36	28	28	28	28	28	28	19	11	5	11	13	14	23	23	20	15	13	28	9	5	12	16	19	18	30	32	23			21.3
LOUISVILLE	MAX	63	62	47	47	48	51	51	40	37	35	23	28	31	36	42	49	50	34	40	39	31	31	36	44	44	46	45	40	38			41.7
	MIN	51	37	30	26	30	31	31	32	27	10	8	15	15	18	25	27	23	15	17	28	11	10	12	21	23	21	33	33	24			23.6
LOUISVILLE WB AP	MAX	62	55	48	47	49	50	38	35	35	24	24	29	31	36	41	47	39	35	39	39	20	30	37	43	40	43	36	38	32			38.7
	MIN	50	37	30	26	27	27	25	31	22	11	9	15	14	15	24	27	19	15	12	19	12	8	10	14	21	15	32	28	25			21.4
MAMMOTH CAVE PARK	MAX	61	60	50	50	53	55	50	34	40	34	31	34	31	36	39	48	46	33	40	39	31	30	39	45	45	47	43	37	36			42.0
	MIN	54	36	24	21	29	24	23	28	23	11	1	7	10	7	24	20	17	13	3	31	9	-2	9	7	15	12	31	31	22			18.6

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NOLIN RIVER RESERVOIR	MAX	61	63	47	52	50	51	52	33	35	40	32	26	34	34	36	40	48	30	37	39	40	20	30	38	46	46	48	38	39			40.9
	MIN	44	36	25	22	21	24	29	29	20	13	4	6	9	8	8	20	24	13	8	10	12	3	7	7	14	12	20	29	21			17.2
ROUGH RIVER DAM	MAX	61	63	45	51	52	51	52	32	37	37	25	25	33	33	35	40	49	29	35	39	37	24	30	38	45	44	48	36	40			40.2
	MIN	43	37	26	21	22	24	23	28	24	11	4	4	12	10	9	22	22	13	7	7	9	2	2	7	10	15	15	30	22			16.6
SCOTTSVILLE 3 SSW	MAX	61	57	51	51	58	52	48	33	40	36	26	34	31	34	33	48	45	34	42	42	31	30	39	44	44	47	42	38	35			41.6
	MIN	55	37	27	29	30	26	24	24	25	15	6	11	14	14	24	22	25	17	13	31	13	6	13	17	21	22	31	31	22			22.2
SUMMER SHADE	MAX	61	55	50	50	57	54	41	33	40	30	25	34	32	35	34	46	45	35	40	40	30	31	40	45	45	45	36	36	33			40.6
	MIN	51	35	23	23	31	27	22	28	25	14	3	9	9	10	22	27	25	15	7	30	11	3	9	9	13	13	29	32	22			19.9
WOLF CREEK DAM	MAX	59	62	49	54	52	61	56	40	36	40	30	26	37	35	39	34	49	38	38	44	44	32	30	43	47	47	50	37	38			43.0
	MIN	47	38	21	20	24	23	21	27	29	16	6	8	8	9	9	17	23	16	7	14	12	4	8	8	13	12	23	30	25			17.9
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	65	58	48	49	54	51	45	43	37	34	24	32	41	38	33	46	42	34	40	38	30	26	34	40	37	48	40	35	34			40.6
	MIN	47	36	30	26	31	22	25	26	27	10	5	11	13	10	23	24	24	15	13	30	5	1	11	13	17	15	24	32	23			20.3
CARROLLTON LOCK 1	MAX	63	63	45	45	49	50	51	45	37	32	24	31	31	38	43	48	47	35	41	38	30	30	36	41	40	44	44	38	3A			41.3
	MIN	45	36	27	21	30	21	21	27	27	8	5	9	13	9	20	23	20	12	7	28	-3	-5	1	9	16	10	25	31	23			17.8
COVINGTON WB AIRPORT	MAX	62	55	44	44	49	50	50	35	34	21	22	30	30	37	41	47	38	34	40	35	17	26	36	41	37	43	37	40	31			38.1
	MIN	45	34	28	29	29	23	27	29	14	8	7	10	13	13	21	21	15	10	12	14	-6	-3	1	16	16	17	28	28	22			18.0
CYNTHIANA 2	MAX	52	51	41	47	48	50	53	51		39	25	25	30	30		43	48	30	35	42	34	20	28	36	43	38	43	38	34			39.0
	MIN	39	37	24	20	21	16	18	23		3	3	7	8	7		15	22	10	2	6	5	-8	-6	-2	7	7	13	28	15			12.6
DANVILLE	MAX	56	64	42	47	48	53	51	45	34	37	25	25	31	31	38	35	47	32	34	42	35	21	29	35	43	39	46	35	35			39.1
	MIN	41	38	28	23	23	24	24	26	25	9	5	5	10	10	10	22	22	12	12	14	5	5	5	12	12	12	12	30	22			17.2
DIX DAM	MAX	62	62	47	47	51	51	50	44	37	35	24	29	29	38	37	47	39	32	40	40	32	27	32	39	36	45	44	36	35			40.2
	MIN	46	37	27	23	27	24	23	24	25	13	4	8	11	12	21	22	22	13	11	31	6	3	10	12	17	14	23	31	22			19.4
FALMOUTH 5 WNW	MAX	62	59	46	46	48	52	50	38	37	27	23	30	29	37	47	47	40	34	40	35	23	27	37	42	38	43	37	39	35			39.6
	MIN	42	35	23	19	17	15	17	23	25	1	2	6	7	-3	15	13	20	5	0	23	-18	-12	-5	5	10	4	18	30	18			12.2
FARMERS 1 WNW	MAX	67	60	45	47	52	52	52	44	38	32	24	30	27	39	37	48	42	34	40	38	25	25	34	39	37	45	36	36	34			40.0
	MIN	43	38	29	21	22	17	17	23	28	6	2	11	6	4	22	15	25	12	4	25	-1	-7	0	6	14	8	17	33	25			16.0
FLEMINGSBURG 1 SW	MAX	63	59	45	44	47	58	49	40	35	28	23	29	28	37	40	46	39	33	38	35	24	23	36	38	35	40	37	35	32			38.5
	MIN	40	34	27	25	26	23	19	25	24	3	3	5	10	5	12	12	17	8	5	23	-5	-10	-3	5	14	8	20	30	21			14.7
FRANKFORT LOCK 4	MAX	59	62	43	50	47	48	55	47	36	36	26	25	30	33	39	41	49	31	35	40	34	21	31	39	44	40	46	39	36			40.1
	MIN	41	41	27	21	21	21	21	23	26	8	5	5	11	9	9	21	24	12	6	6	4	-1	-1	4	11	11	12	22	24			15.3
LEXINGTON WB AIRPORT	MAX	63	53	47	46	48	50	46	34	35	24	23	27	30	37	37	47	36	34	39	36	19	26	33	40	37	43	37	35	31			37.7
	MIN	46	36	26	25	27	26	26	25	16	9	5	10	11	11	23	22	15	11	11	19	3	-1	5	13	19	16	26	25	22			18.2
MAYSVILLE SEWAGE PLANT	MAX	52	64	47	46	46	46	53	51	41	30	24	31	30	30	39	41	48	37	35	42	35	23	27	37	40	37	41	38	35			39.5
	MIN	38	38	28	25	19	21	20	19	27	4	4	11	13	4	11	21	24	12	10	10	5	-1	-1	5	10	10	10	22	25			15.3
MOUNT STERLING	MAX	64	63	45	48	53	50	49	48	39	34	25	31	29	38	36	47	44	34	39	38	28	26	33	39	38	43	41	37	34			40.4
	MIN	42	36	21	24	26	24	22	24	26	5	4	9	10	9	22	21	23	11	11	28	2	0	7	10	18	12	22	31	23			18.0
OWENTON 2 S	MAX	61	60	46	48	48	53	50	45	35	30	23	30	30	36	40	46	46	34	40	36	27	29	37	43	39	44	42	35	33			40.2
	MIN	43	36	20	17	23	17	16	20	24	0	-2	0	6	2	13	14	19	2	-1	27	-13	-13	-7	3	11	5	21	29	20			12.1
RICHMOND	MAX	59	63	42	48	46	52	50	47	33	40	27	25	30	30	39	36	48	33	35	41	34	20	28	34	40	36	46	40	34			39.2
	MIN	41	39	27	26	27	26	25	22	25	8	2	7	10	8	13	19	23	12	8	13	2	-2	3	11	18	15	19	28	24			17.2
SHELBYVILLE	MAX	57	61	41	47	46	48	50	42	34	35	23	24	29	29	36	40	46	27	34	40	33	20	30	34	39	37	44	37	35			37.9
	MIN	41	38	27	25	25	25	25	26	25	8	4	4	9	10	11	20	20	12	7	7	1	-4	-3	2	15	15	16	30	23			16.0
WARSAW MARKLAND DAM	MAX	51	63	41	45	45	48	51	49	39	35	22	23	29	30	38	47	47	28	34	40	33	25	28	36	43	37	43	37	39			38.8
	MIN	38	41	29	22	22	21	20	22	29	9	7	7	15	9	10	16	16	15	5	5	-4	-6	-5	-1	8	10	9	29	25			14.6
WAYNESBURG 7 NE	MAX	61	54	47	48	54	50	50	47	38	32	32	31	28	36	32	45	42	33	39	36	29	26	35	41	37	45	39	33	33			39.8
	MIN	41	34	24	26	28	25	24	25	25	7	2	8	11	8	20	19	23	11	8	29	2	-1	9	17	18	16	25	30	22			18.5
WILLIAMSTOWN 3 NW	MAX	60	58	45	45	47	50	48	44	33	28	22	30	30	37	41	46	42	34	40	35	24	25	36	41	37	43	37	37	35			39.0
	MIN	42	34	25	25	27	27	28	24	25	3	3	7	10	11	18	21	18	9	10	24	-1	-4	6	15	17	17	27	29	19			17.8
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	46	68	55	46	47	51	52	53	46	40	23	24	22	32	40	39	47	31	35	41	37	31	30	39	41	34	45	45	37			40.6
	MIN	40	45	28	19	19	18	17	17	20	2	3	6	4	9	8	15	13	12	6	7	8	-1	-1	4	11	8	9	18	28			13.5
BARBOURVILLE	MAX	66	63	52	51	56	61	56	50	35	42	31	30	40	33	42	32	50	39	37	45	43	25	33	42	47	47	53	41	39			44.2
	MIN	43	46	26	19	18	20	19	20	29	16	6	4	6	7	7	14	14	16	5	5	5	1	1	7	8	8	8	19	29			14.7
BAXTER	MAX	66	58	52	49	53	56	55	52	36	40	30	30	35	32	42	31	46	38	34	41	38	24	33	40	45	42	49	43	38			42.3
	MIN	38	39	26	20	19	19	17	17	29	17	5	5	6	6	6	17	19	15	4	4	13	1	1	7	9	9	9	16	28			14.5
BLAINE 2 W	MAX	48	68	57	45	50	50	50	50	43	40	25	25	30	29	39	34	46	37	35	42	36	20	30									40.4
	MIN	38	41	25	16	16	12	12	12	17	5	-3	-3	1	2	1	10	10	7	-1	-2	4	-7	-7									9.0
CUMBERLAND	MAX	65	59	57	55	56	55	55	37	39	33	28	35	31	43	31	47	34	33	41	38	35	31	41	45	40	50	41	39	36			42.4
	MIN	35	25	19	15	14	14	10	21	25	12	-1	1	15	0	18	7	12	10	-2	26	6	-5	0	2	8	1	11	21	21			11.8
DEWEY DAM	MAX	53	68	54	45	46	50	46	50	44	40	20	25	30	28	40	34	45	37	32	40	38	21	30	37	42	37	44	44	38			39.9
	MIN	35	43	32	20	20	15	14	14	19	7	1	2	10	5	5	14	14	10	2	2	10	-1	-1	3	5	7	7	15	28			12.3
GRAYSON 3 SE	MAX	46	67	51	46	45	47	50	53	47	39	23	24	31	29	40	37	47	31	34	42	36	20	29	36	39	34	45	43	36			39.6
	MIN	39	44	29	18	17	15	14	15	21	0	-2	-1	9	3	4	20	22	12	1	2	3	-6	-5	1	9	5	7	17	27			11.7
HEIDELBERG LOCK 14	MAX	66	65	47	49	52	53	51									46	47	34	40	39	36	29	38	41	43	44	48	40	36			45.0
	MIN	40	39	24	19	19	16	16	24	23	11	0	3	9	3	22	12	20	11	1	32	6	-2	5	5	11	5	15	33	28			15.5
HINDMAN 11 NNE	MAX	54	68	54	46	47	48	48	51	35	40	28	25	32	28	42	35	45	38	33	41	38	23	30	38	44	39	46	46	39			40.7
	MIN	37	37	22	20	19	17	15	15	23	10	2	6	6	5	5	15	18	12	3	3	8	1	7	7	8	7	7	18	28			13.1
HYDEN	MAX	59	66	53	47	49	54	52	48	40	33	30	24	34	31	40	33	46	37	33	39	38	23	31	38	44	40	49	42	38			41.1
	MIN	36	35	25	20	19	18	16	16	18	14	3	5	5	5	5	14	14	13	3	3	12	0	0	7	7	7	7	17	29			12.9
JACKSON	MAX	52	68	53	49	50	55	54	51	35	41	29	27	33	32	42	35	48	38	35	41	36	23	30	40	44	40	48	43	36			41.7
	MIN	37	38	25	20	19	11	12	16	22	11	1	1	1	4	4	12	12	10	3	3	8	-1	-1	7	6	6	12	14	27			11.7

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LONDON FAA AP	MAX	62	55	47	51	54	53	47	32	38	27	24	32	30	39	30	45	36	33	40	37	25	29	38	44	40	46	37	34	30			39.1
	MIN	48	33	25	19	27	25	20	29	24	12	5	8	10	6	20	15	17	13	5	25	8	0	7	12	13	9	21	30	22			17.5
MANCHESTER 4 SE	MAX	64	59	50	51	58	55	50	47	40	38	28	36	34	42	38	49	44	35	40	38	35	30	41	45	42	50	44	36	36			43.3
	MIN	42	39	22	17	19	17	16	29	29	12	2	3	6	3	24	14	20	12	2	28	9	-1	6	5	10	5	16	31	26			16.0
MC KEE	MAX	51	62	44	47	48	53	53	47	32	38	26	25	30	28	38	34	47	33	34	42	35	22	24	38	41	38	47	38	35			39.0
	MIN	42	43	23	17	17	15	16	17	28	10	-2	-2	0	2	2	11	12	10	0	2	4	-6	-6	2	4	4	4	18	26			10.8
MIDDLESBORO	MAX	63	59	52	50	50	56	56	48	37	41	32	21	36	32	43	34	49	39	34	42	40	24	32	42	45	43	49	41	38			42.3
	MIN	42	46	27	18	19	20	18	18	29	19	8	8	8	7	7	16	15	16	5	6	14	3	3	7	8	10	9	21	28			15.7
MONTICELLO	MAX	63	55	50	52	57	54	45	33	42	35	27	36	33	40	32	47	41	36	43	43	33	30	40	45	45	49	40	36	34			41.9
	MIN	45	36	23	19	25	20	20	29	27	14	4	7	13	7	23	16	26	15	5	33	11	1	7	7	12	9	21	32	24			18.3
MOUNT VERNON	MAX	61	55	47	50	55	54	48	39	38	35	24	33	31	38	35	46	42	34	39	35	30	27	38	42	40	45	41	34	33			40.3
	MIN	45	34	26	18	29	19	19	26	25	9	2	9	11	5	21	22	23	13	5	29	4	-2	6	7	11	8	27	30	23			17.4
PIKEVILLE	MAX	71	60	51	52	58	56	55	40	40	38	30	35	34	47	36	49	45	37	45	39	35	34	44	47	42	52	48	42	36			44.8
	MIN	37	41	35	26	23	19	19	24	32	14	7	10	19	9	28	16	23	16	8	33	15	4	10	11	21	10	19	30	27			20.2
SOMERSET 2 N	MAX	61	58	50	49	55	53	42	34	38	35	24	35	30	37	34	46	41	35	40	39	31	30	39	44	40	46	46	35	33			40.7
	MIN	41	34	23	19	28	24	17	22	22	12	3	9	9	5	22	17	24	13	4	30	9	-1	6	10	12	8	18	30	24			17.0
STEARNS	MAX	55	56	44	46	44	56	53	39	31	34	29	24	33	30	31	31	46	36	37	37	41	22	23	39	43	41	43	35	34			38.4
	MIN	46	44	24	24	27	26	25	27	26	14	4	6	7	11	10	15	24	14	9	10	9	2	2	13	19	9	11	28	19			17.4
TOMAHAWK 1 WSW	MAX	53	68	56	46	47	52	50	51	42	40	24	22	32	24	40	35	46	37	35	40	37	22	30	39	42	36	45	43	38			40.4
	MIN	35	41	28	17	18	12	12	13	18	6	-1	2	5	3	3	10	10	10	1	1	7	-2	2	5	8	5	5	14	28			10.9
VANCEBURG	MAX	63	61	43	42	46	51	50	45	39	29	19	28	25	36	37	44	41	30	40	36	28	25	35	38	32	43	39	35	31			38.3
	MIN	39	33	25	11	16	13	13	16	25	-4	-2	-3	5	1	16	9	20	6	0	21	-7	-11	-5	3	7	4	28	24	22			11.2
WEST LIBERTY	MAX	48	68	48	50	50	55	54	50	40	40	23	21	32	32	42	34	37	32	35	43	35	23	30	37	44	39	48	42	35			40.2
	MIN	40	44	29	19	19	15	15	17	20	5	-3	-3	5	4	4	13	13	10	4	4	3	-4	-4	-5	7	6	6	23	27			11.5
WILLIAMSBURG 1 E	MAX	63	56	52	54	58	56	50	41	40	38	29	37	35	43	40	50	48	44	45	47	42	38	42	47	45	50	49	38	37			45.3
	MIN	50	37	29	20	23	21	20	30	28	16	6	5	13	8	23	16	16	16	8		18	1	7	9	15	10	20	31	26			18.6

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SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BEAVER DAM	SNOWFALL							-																				-				
	SN ON GND							2																								
FORDS FERRY DAM 50	SNOWFALL							1.0	T			T					T											.3	T	T		
	SN ON GND							1	T								T											T	T			
HENDERSON 7 SSW	SNOWFALL							1.0								T												T				
	SN ON GND							1	T																							
HOPKINSVILLE	SNOWFALL							1.0	T			.3				T												.3				
	SN ON GND							1	T																							
MURRAY	SNOWFALL							.4	T							1.4						T						T				
	SN ON GND							T	T							1																
OWENSBORO 2 W	SNOWFALL							1.0																				T				
	SN ON GND							1	1	T	T	T	T	T	T	T												T				
PADUCAH FAA AIRPORT	SNOWFALL							2.0			T					T					T						T			T		
	SN ON GND							T	T	T						T																
RUSSELLVILLE	SNOWFALL								-																							
	SN ON GND								-																							
* * * CENTRAL 02																																
BARDSTOWN S J PREP SCH	SNOWFALL								T												T	T								T		
	SN ON GND																				T									T		
BOWLING GREEN FAA AP	SNOWFALL							1.0	T		T					.2					T						T	.1	T	T		
	SN ON GND								1																							
CAMPBELLSVILLE	SNOWFALL								T							T					.3	T						T	T	T		
	SN ON GND																													T		
IRVINGTON	SNOWFALL							T								T					T											
	SN ON GND							T																								
LOUISVILLE WB AP	SNOWFALL							T	T	T						T				T	1.6							T	.1	.1		
	SN ON GND																				T	T						T	T	T		
	WTR EQUIV																															
MAMMOTH CAVE PARK	SNOWFALL							T	T							T					T	T						T	T	T		
	SN ON GND							T																								
MILLERSTOWN	SNOWFALL							T																				T				
	SN ON GND																											T				
SUMMER SHADE	SNOWFALL															.4													T	T		
	SN ON GND																															
* * * BLUE GRASS 03																																
BEREA COLLEGE	SNOWFALL																					-										
	SN ON GND																					T	T									
COVINGTON WB AIRPORT	SNOWFALL		T						T	.2	T	T	T	T						T	2.9							T	.1	.4		
	SN ON GND																				T	3	2	1	T	T	T	T	T	T		
	WTR EQUIV																					.3	.2									
CYNTHIANA	SNOWFALL										T						T				.3	3.0								1.0		
	SN ON GND										T										T	2	1	T	T							
DANVILLE	SNOWFALL																				.2									.4		
	SN ON GND																				T	T	T							T		
FARMERS 1 WNW	SNOWFALL										T										.5	2.0								1.0		
	SN ON GND										T										1	2	1	1	T	T				1		
GEST LOCK 3	SNOWFALL																				-	-										
	SN ON GND																				1	1	1	1	T							
LEXINGTON WB AIRPORT	SNOWFALL								T	T						T				T	2.2	T						T	.4	.5		
	SN ON GND															T					T	2	2	2	1	T	T			T		
	WTR EQUIV																					.3	.2	.2								
MAYSVILLE SEWAGE PLANT	SNOWFALL																				.3	1.0										
	SN ON GND																				T	1	1	1	T							
WILLIAMSTOWN 3 NW	SNOWFALL		T						T	.3											4.0							T	T	.3		
	SN ON GND									1	T	T									4	4	3	1	T	T	T	T	T	T		
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL		T							T	.5				T	T					T	T						T	T	5.0		
	SN ON GND		T								T	T			T	T					T	T							T	5		
DEWEY DAM	SNOWFALL										T			T								T								1.0		
	SN ON GND										T	T		T								T	T	T						1		
HAZARD WATER WORKS	SNOWFALL																					T								2.0		
	SN ON GND																													-		
HEIDELBERG LOCK 14	SNOWFALL																													-		
	SN ON GND																													2		
LONDON FAA AP	SNOWFALL								T	T	T					T					T	T						T	.6	3.0		
	SN ON GND																												T	2		
MIDDLESBORO	SNOWFALL																													-		
	SN ON GND																													2		
MONTICELLO	SNOWFALL																.3													.2		
	SN ON GND																-													-		
PIKEVILLE	SNOWFALL													T		T					T								T	4.8		
	SN ON GND																													3		
SOMERSET 2 N	SNOWFALL																												T	.5		
	SN ON GND																													-		

DAILY SOIL TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BARDSTOWN S J PREP SCH																																	
4 INCHES	MAX	51	51	48	46	44	42	43	40	37	37	35	35	35	34	33	33	34	33	33	33	33	33	33	33	33	33	33	35	35			37.2
	MIN	49	48	40	40	38	38	38	37	37	35	35	35	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	35			35.7
20 INCHES	5 PM	44	45	45	44	44	43	43	42	42	41	40	40	40	39	39	39	39	39	38	38	38	38	38	38	38	38	37	38	38			40.2
BEREA COLLEGE																																	
4 INCHES	MAX	45	45	44	43	42	40	40	40	40	36	33	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32			35.3
	MIN	43	44	43	42	40	37	37	36	36	33	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32			34.5
20 INCHES	5 PM	41	42	42	42	42	41	41	40	40	40	39	38	37	37	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36			38.0
CAMPBELLSVILLE																																	
4 INCHES	MAX	50	50	47	45	44	44	45	48	37	37	35	34	33	33	33	33	33	33	33	33	33	33	33	33	33	34	34	34	34			37.3
	MIN	49	47	45	38	38	38	38	36	36	35	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	34	33			35.5
20 INCHES	6 PM	44	45	45	44	44	43	43	42	41	40	39	39	38	38	37	37	37	37	37	37	37	37	37	37	37	36	36	36	36			39.2
CUMBERLAND GAP PARK																																	
4 INCHES	MAX	41	46	46	44	40	39	39	37	37	37	37	34	33	33	32	32	34	34	33	32	32	32	32	32	32	32	32	32	32			35.4
	MIN	39	41	40	38	38	36	36	37	37	35	34	33	33	32	32	32	32	33	32	32	32	32	32	32	32	32	32	32	32			34.1
20 INCHES	5 PM	44	44	44	44	43	43	42	42	42	42	41	40	39	39	39	38	38	38	38	38	38	38	38	37	37	37	37	37	37			39.8
FLEMINGSBURG 1 SW																																	
4 INCHES	MAX	43	41	41	39	39	37	37	36	36	34	32	31	31	32	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30			33.1
	MIN	41	31	37	36	35	34	33	34	34	32	31	31	30	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			31.7
20 INCHES	6 PM	39	39	40	40	40	40	40	40	40	39	39	39	38	37	37	37	37	37	37	37	37	37	37	36	36	36	36	36	36			37.9
GLASGOW WKAY																																	
4 INCHES	MAX	46	47	47	45	42	42	41	40	40	39	37	35	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	35	35			37.3
	MIN	44	46	43	42	41	41	40	40	39	37	35	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	35			36.6
20 INCHES	5 PM	44	45	44	43	43	43	42	42	41	41	40	39	39	39	38	38	37	37	37	37	37	37	37	37	37	37	36	36	36			39.3
GREENVILLE 2 W																																	
4 INCHES	MAX	51	52	49	45	42	42	42	39	39	39	36	35	33	33	33	33	33	34	33	33	33	33	33	33	33	33	33	34	34			37.1
	MIN	49	49	42	40	40	38	39	39	37	35	35	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	34			35.8
20 INCHES	5 PM	44	46	46	45	44	44	44	43	43	42	41	40	40	39	39	39	39	39	39	39	38	39	38	38	38	38	38	38	38			40.6
HENDERSON 7 SSW																																	
4 INCHES	MAX	50	50	49	46	46	46	44	43	43	40	39	37	37	37	37	39	39	39	38	37	37	36	36	35	36	37	37	39	39			40.3
	MIN	48	49	46	44	44	44	43	43	40	39	37	36	37	36	36	37	38	37	36	36	36	36	35	35	35	35	37	37	38			39.0
20 INCHES	6 PM	45	46	46	45	45	45	45	44	43	43	42	41	41	40	40	40	40	40	40	39	39	39	39	38	38	38	38	38	38			41.2
IRVINGTON																																	
4 INCHES	MAX	54	52	49	48	46	45	45	44	44	40	39	38	38	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36			39.9
	MIN	48	49	44	44	42	41	42	42	40	38	38	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36			38.5
20 INCHES	6 PM	42	44	44	44	43	43	43	43	42	41	40	40	39	39	38	38	38	38	38	37	37	37	37	37	37	37	37	37	37			39.6
LEXINGTON CAMPUS FARM																																	
BARE GROUND																																	
1 INCH	MAX	56	50	48	46	45	47	41	32	32	31	32	32	32	33	32	39	36	31	34	32	32	31	31	33	33	40	32	33	33			36.5
	MIN	44	43	34	33	32	31	31	30	27	19	19	17	19	18	27	24	27	20	19	19	30	27	27	27	28	32	31	32	32			27.6
2 INCHES	MAX	54	50	47	44	43	45	40	33	32	31	31	31	30	32	31	32	32	31	31	32	32	31	31	32	32	34	31	32	32			35.1
	MIN	44	36	34	34	33	31	32	31	31	22	21	19	21	20	27	26	30	22	22	22	30	28	28	27	28	31	30	31	31			28.3
4 INCHES	MAX	51	49	44	41	40	41	39	34	34	32	31	31	29	31	31	31	32	31	30	31	32	31	31	31	31	32	31	32	32			34.3
	MIN	44	39	36	35	35	33	34	33	32	29	26	24	25	24	29	18	30	26	25	25	30	29	28	28	29	30	30	31	31			29.9
8 INCHES	MAX	48	48	43	40	39	38	39	36	35	34	33	32	32	31	32	31	32	32	31	32	32	32	31	32	32	32	31	32	32			34.6
	MIN	44	43	39	38	37	35	36	35	34	32	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	31			32.7
SOD																																	
1 INCH	MAX	48	48	43	42	41	41	40	36	36	34	32	31	31	31	32	32	32	31	32	32	32	32	32	32	32	32	31	32	32			34.9
	MIN	44	42	38	37	36	35	34	34	33	31	30	30	30	29	30	30	30	30	30	30	30	30	31	31	30	30	30	30	31			32.3
2 INCHES	MAX	47	47	43	41	41	40	40	37	36	35	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	31	32	32			35.0
	MIN	44	42	39	38	37	36	35	35	35	32	31	31	30	30	30	31	31	30	31	31	31	31	31	31	31	31	31	31	31			33.0
4 INCHES	MAX	46	46	43	41	40	40	39	37	36	35	33	33	32	32	33	32	32	32	32	32	33	33	33	32	32	32	31	32	32			35.0
	MIN	44	43	40	39	37	36	35	35	35	32	32	32	31	30	31	31	31	31	31	31	31	31	32	31	31	31	31	31	31			33.3
8 INCHES	MAX	45	45	44	42	40	40	39	38	38	37	35	35	34	34	34	34	34	33	33	34	34	34	34	33	33	33	32	34	34			36.2
	MIN	44	44	42	40	39	38	38	37	37	34	34	33	32	32	32	32	32	32	33	33	32	32	33	32	32	32	32	32	32			34.7
20 INCHES	7 PM	43	44	43	42	42	40	41	41	40	38	39	38	36	37	36	37	35	35	36	37	36	36	36	36	36	36	35	36	36			38.0
40 INCHES	7 PM	43	44	44	44	44	43	44	44	44	42	43	42	41	42	40	41	40	40	41	41	40	40	40	40	40	40	39	40	40			41.6
MAYFIELD RADIO WNGO																																	
4 INCHES	MAX	50	51	49	49	46	45	45	41	41	41	39	35	34	35	37	38	39	42	40	39	38	38	38	36	34	35	36	36	36			40.1
	MIN	49	49	46	43	44	42	41	40	40	39	35	34	31	34	35	37	37	36	35	38	34	34	34	34	34	34	34	34	35			37.7
20 INCHES	5 PM	47	48	47	47	45	41	45	44	43	42	41	40	35	39	39	39	40	39	39	40	39	40	40	38	40	39	40	40	39			41.2

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

CONTINUED

Station			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
PRINCETON 1 SE																																		
4	INCHES	MAX	49	49	46	42	41	41	40	39	37	37	35	34	33	33	33	33	33	33	33	33	33	33	32	32	32	32	32	34	33			36.1
		MIN	45	46	40	39	39	37	39	37	35	35	34	33	33	33	33	33	33	33	33	33	33	32	32	32	32	32	32	32	33			34.9
20	INCHES	5 PM	45	46	46	45	44	44	44	43	42	42	41	41	40	40	39	39	39	39	39	39	39	38	38	38	38	38	38	38	38			40.7
QUICKSAND																																		
4	INCHES	MAX	46	47	47	42	41	41	40	37	35	35	33	34	32	32	32	32	31	31	31	31	31	31	31	31	31	31	31	31	31			34.8
		MIN	42	46	37	36	35	35	34	34	34	33	32	32	31	30	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31			32.9
20	INCHES	4 PM	41	42	42	41	40	39	39	39	38	37	36	36	35	35	35	34	35	35	34	34	34	34	34	34	34	34	34	34	34			36.3
SANDY HOOK 5 NE																																		
4	INCHES	MAX	48	46	46	44	42	41	39	40	37	37	35	33	32	32	32	32	32	32	32	32	32	31	32	32	32	32	32	32	34			35.6
		MIN	43	46	39	38	37	36	35	35	37	35	33	32	32	32	32	32	31	32	32	32	31	31	31	32	32	32	32	32	32			34.0
20	INCHES	6 PM	42	43	43	43	42	42	42	41	41	41	40	39	39	38	38	37	37	37	37	37	37	37	37	37	37	36	37	37	37			39.0
SOMERSET 2 N																																		
1	INCH	MAX	49	49	46	44	44	43	42	39	37	37	36	34	34	32	31	36	37	36	35	34	33	32	31	33	35	36	36	32	34			37.1
		MIN	46	46	39	36	36	36	35	37	35	33	32	32	32	31	30	31	32	32	31	32	31	31	30	30	31	31	32	32	32			33.6
4	INCHES	MAX	48	49	47	44	42	44	43	39	38	38	36	35	35	33	32	38	37	36	34	33	33	33	32	33	33	34	34	33	33			37.2
		MIN	46	47	40	38	38	37	37	38	36	34	34	33	33	31	31	32	33	33	32	32	32	32	32	32	32	33	33	33	32			34.7
20	INCHES	6 PM	45	46	46	45	44	44	44	43	43	42	42	41	41	39	39	39	39	39	39	38	38	38	38	38	38	38	38	38	38			40.7
WILLIAMSTOWN 3 NW																																		
4	INCHES	MAX	46	46	43	41	41	41	40	40	38	38	36	36	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35			37.3
		MIN	43	43	41	39	39	38	38	38	37	36	36	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-
20	INCHES	6 PM	41	42	42	42	42	41	41	41	41	40	40	40	39	39	39	38	38	38	38	38	38	38	38	37	37	37	37	37	37			39.2

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN S.J. PREP SCHOOL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

OBSERVATIONAL TIME FOR SOIL TEMPERATURE SAME AS LATE AFTERNOON AIR TEMPERATURE TIME.

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS. BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6R			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN S J PREP SCH	0397	02	NELSON	8	37 48	85 28	631	5P	5R		GH	ST. JOSEPH PREP. SCHOOL
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 20	390				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE	1256	02	TAYLOR	3	37 20	85 21	771	6P	6P		GH	ALVA MC KINLEY
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	FRL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
#COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	450		6P			JOE RAY ALLEN
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		PHILLIP O. THACKER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6R	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			KENTUCKY UTILITIES
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 39	864		8A			MISS ESTHER WILSON
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			WILLIAM F. BRAMBLETT
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEER
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5R	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6R		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	650	6P	6P		GH	WAYDE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD	4703	02	GRAYSON	3	37 29	86 18	642	6P	8A			CLYDE STIKELEATHER
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.+E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD C. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE C. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	RICHARD T. SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG 2 N	5430	03	NICHOLAS	5	38 19	84 09	810				C	BLUE STAR NURSERY
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	116	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	578		7A		C	JOE M. SLAYDEN
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL 2 WNW	6013	04	CARTER	7	38 19	83 12	895				C	GEORGE E. DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5R	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		7A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7R		C H	U.S. WEATHER BUREAU
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4R	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEER
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	WM C JARRELLS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TATHAM SPRINGS	7924	02	WASHINGTON	8	37 52	85 09	670				C	CHARLIE S. KAYS
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1630		8A			MRS. KATHLEEN H. PETERS
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5R			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 2 SSE	8482	04	FLOYD	1	37 25	82 48	920				C	LARRY L. BRADLEY
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. MELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5R	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6R	6P		GH	HAROLD R. CONNLEY
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
	No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are esentailly accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-3/29/68-840

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RE

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
MARCH 1968
Volume 63 No. 3

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	58.4	34.4	46.4		81	29	15	4+	574	0	0	15	0	7.08		1.33	21	4.0	2	22	11	6	4
BEAVER OAM	59.8	34.2	47.0		81	30+	13	4	560	0	0	15	0	5.76		1.23	21		11	22	7	6	3
FOROS FERRY DAM 50	57.5	35.4	46.5		81	29	18	1	572	0	0	15	0	4.24	- .56	1.35	21	4.8	4	23	9	3	1
GILBERTSVILLE 1 SF	60.6	36.5	48.6		82	29	15	23+	515	0	0	12	0	8.25		2.18	31	12.5	11	22	9	5	4
GOLDEN POND 8 N	56.1M	34.9	45.5M		81	30	19	24+	620	0	1	14	0	5.51		2.10	21	9.0	9	23	10	2	2
GREENVILLE 2 W	59.3	34.5	46.9	.2	80	30+	11	23	564	0	1	15	0	6.01	1.01	1.55	21		13	22	7	5	3
HENDERSON 7 SSW	58.2	36.1	47.2	1.1	81	29	16	13	551	0	0	12	0	5.00	- .13	1.09	21	9.0	8	22	8	5	1
HICKMAN 1 E	59.9	35.7	47.8		81	29	15	4	534	0	0	13	0	6.60		1.40	31+	15.6	7	22	8	6	3
HOPKINSVILLE	58.2	31.3	44.8	- 2.1	82	31	12	23	627	0	1	16	0	6.46	1.38	2.25	21	13.5	12	23	8	4	2
LDVELACEVILLE	58.4M	32.9M	45.7M	- 2.1	80	29	14	4	595	0	0	16	0	7.34	2.20	1.60	12		5	22	10	6	3
MAOISDNVILLE 1 SE	58.9	34.7M	46.8M		80	30+	15	23	562	0	0	15	0	4.84		1.14	22	9.0	9	23	10	4	2
MAYFIELO RADID WNGO	61.6M	M	M		82	30				0	0		0	D 4.02		1.15	31	15.0	14	22	5	3	2
MURRAY	56.5	35.3	45.9	- 2.5	80	31+	17	1	592	0	2	14	0	5.88	.58	1.45	21	14.4	12	23	8	4	3
OWENSBORO 2 W	59.2	34.6	46.9	1.1	81	29	13	23	555	0	0	14	0	4.80	- .13	2.09	21	10.0	9	23	8	2	1
PADUCAH FAA AIRPORT	56.8	35.5	46.2		80	29	16	1	582	0	1	15	0	5.00		1.21	20	2.4	3	23	11	3	2
PADUCAH	59.7	35.9	47.8		81	29	15	4	530	0	0	11	0	5.73	.88	2.63	21	4.3	4	22	7	3	3
PRINCETDN 1 SE	59.3	34.9	47.1	- .1	80	30	10	24	557	0	0	14	0	6.24	1.25	1.61	21	12.5	11	22	7	5	3
ROCHESTER LDCK 3	56.4	32.2	44.3		80	31+	16	4	640	0	0	19	0	5.67		1.90	21		11	23	9	4	1
RUSSELLVILLE	57.4	33.6	45.5	- .9	79	31+	14	4	603	0	0	15	0	6.88	1.83	2.06	21				9	7	2
DIVISIDN			46.5	- .4										5.86	.84			9.7					
* * *																							
CENTRAL 02																							
ANCHORAGE	58.4	34.0	46.2	2.5	80	29	15	3	580	0	1	14	0	8.24	3.72	1.81	22	13.1	10	23+	9	5	4
BARDSTDWN S J PREP SCH	60.2	35.2	47.7		80	29	15	4	537	0	1	14	0	6.41		1.28	21	8.3	6	23+	8	6	4
BARREN RIVFR RESERVOIR	58.0	32.2	45.1		80	31	14	5+	609	0	0	16	0	5.01		1.35	12	11.0	11	23	10	4	2
BOWLING GREEN FAA AP	58.2	33.4	45.8	- 1.6	81	30	14	23	593	0	0	17	0	6.81	1.55	1.27	22	11.0	8	23	8	7	4
BRADFORDSVILLE	58.6	32.2	45.4		80	31	8	4	604	0	0	16	0	8.28		1.80	23		8	23	10	6	4
CAMPBLLLSVILLE	59.9	35.7	47.8		80	30	17	4+	530	0	1	13	0	7.22		2.05	22	10.8	9	22	7	5	3
CECILIA	58.9	32.9	45.9	1.5	80	29	12	1	586	0	1	16	0	6.39	1.61	1.38	21	11.0	10	22	9	6	4
CLERMONT 1 SSE	60.3	32.2	46.3		80	31	14	1	575	0	0	17	0	6.99		1.50	21		13	23	9	5	4
GLASGOW WKAY	58.9	35.1	47.0		80	30	14	4	553	0	1	12	0	6.64		1.88	22	12.0	11	22	8	6	3
GREENSBURG	59.0	30.9	45.0	- .9	82	31	13	5	618	0	0	20	0	6.70	1.46	1.66	12				8	4	4
HODGENVILLE-LINCOLN NP	60.3	34.1	47.2		81	31+	13	4	547	0	0	14	0	6.33		1.52	21	10.0	10	23	8	5	2
IRVINGTON	58.4	35.6	47.0	1.2	79	29	13	1	555	0	0	12	0	4.45	- .17	1.80	20		12	21	6	3	1
LEITCHFIELO	58.5	35.8	47.2	.9	80	30+	16	23	552	0	1	13	0	5.92	.85	1.65	21	12.0	12	23	7	5	3
LOUISVILLE	59.8	38.5	49.2		80	30+	19	13+	498	0	1	11	0	5.07		1.60	21		9	22	9	3	2
LOUISVILLE WB AP R	56.5	34.9	45.7	2.4	80	29	20	13+	590	0	1	14	0	6.23	1.64	1.28	31	12.7	11	23	8	5	3
MAMMOTH CAVE PARK	59.8	34.6	47.2		80	30	12	23	547	0	1	13	0	7.33		1.69	21	12.0	10	23+	7	5	4
NOLIN RIVER RESERVOIR	57.2	33.6	45.4		80	31+	14	4	603	0	1	16	0	6.14		1.75	21		12	23	7	5	3
ROUGH RIVER OAM	56.5	31.2	43.9		80	31+	11	14+	656	0	0	18	0	6.23		1.75	23		12	23	9	3	3
SCOTTSVILLF 3 SSW	60.2	37.1	48.7		81	30	16	23+	504	0	0	12	0	4.92		1.40	22	8.0	7	22	7	4	2
SUMMER SHAOE	59.5	34.4	47.0		79	30	13	4	554	0	0	17	0	6.56		2.31	22		9	22	8	5	2
WOLF CREEK DAM	59.6	31.7	45.7		80	31	11	4	592	0	0	18	0	5.35		1.90	12				11	3	2
OIVISION			46.5	.6										6.34	1.35			11.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	59.7	37.4	48.6	2.4	78	30	18	3	508	0	1	11	0	7.46	2.82	2.65	12		6	22	9	6	2
CARROLLTON LOCK 1	58.9	33.7	46.3		81	29	15	3	575	0	0	15	0	4.82	.66	1.45	21	12.5	12	23	10	4	1
COVINGTON WB AIRPORT R	56.0	34.4	45.2	4.6	79	29	15	3	609	0	2	13	0	4.24	.45	1.14	22	13.0	9	23	7	4	2
CYNTHIANA 2	55.1M	28.3M	41.7M		79	30	11	15	714	0	1	19	0	D 5.67		1.38	21	7.0	7	23	8	4	3
OANVILLE	57.2	32.6	44.9		79	31+	12	4	616	0	1	14	0	7.03	2.07	1.67	12	11.2	10	23	10	5	3
OIX OAM	60.1	34.8	47.5		78	31+	17	3	539	0	0	15	0	5.66		1.37	12	9.5	9	23	8	5	2
FALMOUTH 5 WNW	58.1	30.5	44.3		79	29	10	7+	634	0	0	18	0	5.38	.85	1.41	23	9.5	9	23	10	3	2
FARMERS 1 WNW	60.5M	34.1	47.3M	2.4	78	30	14	4	538	0	0	14	0	5.74	1.11	1.86	12	2.0	1	23+	7	6	2
FLEMINGSBURG 1 SW	57.6	33.2	45.4		76	29	12	14	599	0	0	17	0	5.88		1.54	12	2.0	2	23	8	6	2
FRANKFORT LDCK 4	56.5	29.5	43.0	- 1.2	81	30	17	4+	674	0	1	20	0	5.46	.98	1.27	21	9.4	8	23	8	4	3
LEXINGTON WB AIRPORT R	57.0	35.0	46.0	2.8	78	29	17	3	581	0	1	15	0	6.76	2.01	1.71	22	8.6	8	23	10	5	2
MAYSVILLE SEWAGE PLANT	55.0M	30.2M	42.6M	- .5	79	30	16	4+	690	0	1	20	0	4.14	- .34	1.04	22	.8	1	23	6	4	1
MOUNT STERLING	60.2	35.4	47.8		78	29	17	13	529	0	0	14	0	6.78	1.93	2.04	22	7.1	4	23+	11	4	2
OWENTON 2 S	58.5	30.1	44.3		79	30	8	4	637	0	0	19	0	5.86		1.41	22				8	5	2
RICHMOND	56.4	35.3	45.9		78	31	16	4+	586	0	1	13	0	6.95		1.98	12	7.8	5	23	9	5	3
SHELBYVILLF	54.3	30.8	42.6	- 1.6	78	30	15	4+	687	0	2	18	0	6.00	.88	1.66	21	10.0	10	23	8	5	2
WARSAW MARKLANO DAM	54.9	29.3	42.1	- 1.0	79	30	15	8	701	0	2	20	0	5.29	.89	1.41	21	12.3	8	23	10	4	2
WAYNESBURG 7 NE	58.4	35.2	46.8		78	30	11	4	558	0	1	12	0	6.61		1.94	12	6.0	6	23	9	6	2
WILLIAMSTOWN 3 NW	56.9	34.8	45.9	2.8	78	29	13	3	587	0	0	15	0	6.49	1.90	1.35	22	12.7	10	23	8	5	3
OIVISION			45.2	.6										5.91	1.28			8.3					
* * *																							
EASTERN 04																							
ASHLANO	58.5	28.5	43.5	- 1.9	80	21	11	4	659	0	0	21	0	4.95	.80	1.97	12				7	4	1
BARBOURVILLF	61.8	30.3	46.1		81	31+	13	5+	581	0	0	19	0	6.29		1.54	10	.7	T	1	7	5	3
BAXTER	59.1M	28.7	43.9M		79	21	13	5+	644	0	0	20	0	4.30		1.13	12	3.8	5	1	10	4	1
BLAINE 2 W	59.4	25.1M	42.3M		78	31+	7	5	703	0	1	22	0	5.86		2.00	12				8	6	1
CUMBERLANO	63.0	28.9	46.0		82	27+	4	3	581	0	0	18	0	5.41		1.77	12	8.0	5	1	13	3	1

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 28

THE LIBRARY OF THE
MAY 14 1968
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

KENTUCKY
MARCH 1968

CONTINUED

Station	Temperature: Average Maximum	Temperature: Average Minimum	Temperature: Average	Temperature: Departure From Normal	Temperature: Highest	Temperature: Date	Temperature: Lowest	Temperature: Date	Temperature: Degree Days	No. of Days: Max. 90° or Above	No. of Days: Max. 32° or Below	No. of Days: Min. 32° or Below	No. of Days: Min. 0° or Below	Precipitation: Total	Precipitation: Departure From Normal	Precipitation: Greatest Day	Precipitation: Date	Snow, Sleet: Total	Snow, Sleet: Max Depth on Ground	Snow, Sleet: Date	No. of Days: .10 or More	No. of Days: .50 or More	No. of Days: 1.00 or More
DEWEY DAM	59.3	28.3	43.8		82	21	12	5+	650	0	1	22	0	5.09		1.56	12	4.0	3	1	10	5	1
GRAYSON 3 SE	57.4	29.0	43.2		79	30+	12	3	670	0	1	21	0	5.88		1.86	12	1.0	1	13	10	4	1
HEIDELBERG LOCK 14 R	62.8	31.5	47.2		80	31	11	4	545	0	0	18	0	7.08	2.37	2.26	12	3.7	3	1	9	6	2
HINDMAN 11 NNE	60.3	29.2	44.8		83	21	15	4	623	0	0	21	0	3.55		.99	12	4.0	3	1	10	1	0
HYDEN	60.3	28.3	44.3		81	21	12	5+	636	0	0	21	0	5.96		1.60	12				10	6	1
JACKSON	59.6	28.1	43.9		79	21	11	5	650	0	0	23	0	5.71		1.87	12	5.1	3	1	8	5	2
LONDON FAA AP	59.5	32.5	46.0		79	20	13	4	583	0	1	17	0	6.66		1.37	22	3.6	2	1	9	6	3
MANCHESTER 4 SE	63.4	32.2	47.8		80	30+	10	4	526	0	0	16	0	6.10		1.54	12	7.5	6	1	10	4	2
MC KEE	57.7	27.0	42.4		78	31+	8	4	696	0	1	22	0	7.13		2.43	12	4.5	3	1	9	5	2
MIDDLESBORO	60.0M	30.0	45.0M		79	31+	15	5+	610	0	0	20	0	4.65		1.58	12		3	1	8	5	1
MONTICELLO	62.0	34.8	48.4		81	30	12	4	508	0	1	15	0	7.07		2.31	12	5.2	5	23	6	6	3
MOUNT VERNON	60.6M	34.6M	47.6M		79	30	15	13	535	0	1	15	0	7.52		2.26	12	4.0			10	6	2
PIKEVILLE	66.2	34.7	50.5		85	20	16	4	446	0	0	16	0	4.12	- .40	1.62	12	.6	1	1	10	3	1
SOMERSET 2 N	60.9	31.9	46.4		80	30	13	4	567	0	1	18	0	6.61		2.07	12		5	23	9	6	2
STEARNS	59.1M	32.9M	46.0M		82	31	16	4	595	0	1	16	0	6.55		2.21	12				6	5	4
TOMAHAWK 1 WSW	59.8M	26.2	43.0M		82	21	11	5+	680	0	0	23	0	5.54		1.90	12	5.0	2	1	10	4	2
VANCEBURG	56.8	27.4	42.1		76	29	8	3	701	0	1	21	0										
WEST LIBERTY																							
WILLIAMSBURG 1 E	64.1	36.0	50.1	2.4	81	30	14	4	460	0	0	14	0	6.23	1.44	1.97	12				7	4	2
DIVISION			45.4	- .9										5.83	1.13			4.0					

SPECIAL WEATHER SUMMARY

March weather contrasted sharply with that of the preceding two months; temperature and precipitation were in general near to above average compared with the relatively cold and dry January and February. Windy and dry conditions early in the month allowed a number of grass and some woodland fires - which terminated with the general rain of the 9th.

Just before mid-month heavy rains resulted in flash-flooding along some streams in eastern Kentucky. Several dozen families were forced from their homes in widely scattered locations. Some highways were blocked. There was some flooding in portions of the Green Basin and along the lower Ohio in western Kentucky during the latter part of the month.

Heavy snow fell on the greater part of the State on the 22d-23d. In some western and central areas it was the greatest 24-hour snowfall and/or the greatest snowfall so late in the season since 1887. Schools were closed in 14 western counties. A number of utility lines were downed and driving conditions were hazardous. However, rapid melting took place on the 23d and 24th.

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** These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details see the accompanying tables; this month's issue of STORM DATA; the March 1968 issue of CLIMATOLOGICAL DATA NATIONAL SUMMARY (river and flood conditions).

DAILY PRECIPITATION

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	7.08									.14	.21	1.16	.51			T	.41			.12	1.00	1.33	.21	.02							.72	1.25
BEAVER DAM	5.76										.62		1.13				.10				.66	1.23	1.15	.04								.83
CALHOUN LOCK 2	6.49										.29	.57	.89	.19			.12	.03			.25	2.36	.95	.72							T	.12
COBB	5.61										.35		1.10	.15		T	.25				.40	1.80	.68	.65								.23
DAWSON SPRINGS	7.76																			2.16	1.39	1.85	2.36									
DUNDEE 4 ESE	5.16										.30	.05	1.00	.06			.30				.20	1.92	.80	.38							.15	
DUNMOR	6.44										.42	.13	1.34	.23			.54	.10			.21	2.09	.65	.49								.24
ELKTON 2 S	6.61	T									.85	T	1.17	.10			.53	.10			.07	1.96	.60	.80							T	.43
FORDS FERRY DAM 50	4.24										.12	.17	.71	.08			.23	T			.53	1.35	.26	.06		T					.27	.46
FRANKLIN 1 E	5.98										.49	T	1.57	.03			.36	.05				1.62	.75	.64	.47							
GILBERTSVILLE 1 SE	8.25	T						T		.04	.20	.10	1.11	T		T	.22			T	.78	2.07	1.10						T		.45	2.18
GOLDEN POND 8 N	5.51										.44		1.20	.20			.21	T			.26	2.10	.26	.10							.30	.44
GREENVILLE 2 W	6.01									T	.64	T	1.37	.08			.15				.71	1.55	1.06	T								.45
HARTFORD 6 NW	5.44									T	.29	.23	.99	.15	T		.16	.03			.23	2.10	.92	.34							T	T
HENDERSON 7 SSW	5.00								T	T	.26	T	.91	T		T	.18			T	.77	1.09	.95	T						T	.12	.72
HICKMAN 1 E	6.60									T	.03	.16	1.40	.04		T	.33			.03	.87	1.01	.61	.06							.66	1.40
HOPKINSVILLE	6.46										.42	.02	1.34	.23			.21	.03			.08	2.25	.86	.69	T							.33
LOVELACEVILLE	7.34									.16	.16	.13	1.60				.41				.94	1.57	.54								.65	1.18
MADISONVILLE 1 SE	4.84										.37	.10	1.00	.20			.19				.33	.20	1.14	.64								.67
MAYFIELD RADIO WNGO	D 4.02								T	.02	.08	.04	.09			.01	.30			T	.900	.40	D1.00			.02		T			.01	1.15
MURRAY	5.88										.57		1.40	.08			.18				.31	1.45	1.08	.26							.07	.48
OWENSBORO 2 W	4.80										.22	.07	.77	.40							.40	2.09	.43	.30								.12
OWENSBORO DAM 46	4.56										.13	.10	.64	.44			.14				.21	2.01	.65	.11	T						.03	.10
PADUCAH FAA AIRPORT	5.00		T						T	.14	.21	1.01	.40			.18	.14			.22	1.21	.03	.16	T						.40	T	.90
PADUCAH	5.73									T	.25	T	1.12				.22				T	2.63	.31								.18	1.02
PARADISE STEAM PLANT R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCETON 1 SE	6.24									.02	.29	.07	1.00	T			.10			T	.97	1.61	.90	T							.07	1.21
ROCHESTER LOCK 3	5.67										.32	.07	.83	.16			.40	.13			.18	1.90	.78	.90								
RUSSELLVILLE	6.88										.60	.08	1.38	.11			.70				.16	2.06	.50	.79								.50
SEBREE	6.10										T	.39	.68	.13			.14				.36	1.30	*	2.00	T						.05	1.05
UNIONTOWN DAM 49 //	5.12										.01	.18	.78	.33			.19				1.19	1.62	.06	.01							.29	.46
• • • CENTRAL 02																																
ADDISON DAM 45 //	5.36										.17	.63	.62	.12			.10	.05			.07	2.20	.70	.70	T						T	
ALBANY 4 N	6.57	T									.90	T	2.31	.18			.04	.77					1.21	1.16								
ANCHORAGE	8.24	T								.10	.25		1.44				.52				.35	1.65	1.81	.38								1.74
BARDSTOWN 5 J PREP SCH	6.41									.01	1.05	.09	1.10	.02	T		.66	.01			.35	1.28	1.14	.12							.06	.52
BARREN RIVER RESERVOIR	5.01										.50	.13	1.35	.10			.22	.13				.95	1.22	.23							.06	.12
BOWLING GREEN	8.21										.73	.15	1.55	.12			.50	.26				2.00	.85	1.10								.95
BOWLING GREEN FAA AP	6.81			T						.55	.18	1.15	.06	T			.72				1.03	1.17	1.27	T						T	T	.68
BRADFORDSVILLE	8.28										.65	.33	1.60	.12			.61	.30				1.29	1.32	1.80								.26
BROWNSVILLE	6.80	T									.87	.14	1.21	.07			.58	.16				1.94	.81	.90	T					T	.02	.10
BURKESVILLE 2 W	6.64										.58	T	2.07	.06			.29	.27				.37	1.42	1.52							.06	
CAMPBELLSVILLE	7.22	T					T			.01	.70	.08	1.72	.02			.80				.24	1.05	2.05	.08						T		.47
CANEYVILLE	6.78										.44	.14	1.26	.12			.86	.08			.13	1.87	.38	1.38								.12
CECILIA	6.39									T	.65	.20	1.14	.10			1.00				.59	1.38	1.00	.08							T	.25
CLERMONT 1 SSE	6.99									T	.45	.13	1.02	.07			.82				.39	1.50	1.20	1.03	.05						.08	.25
EDMONTON	5.52										.76	.30	1.68				.48	.20					1.20	.90								
GAMALIEL 1 S	5.90	T			T						.62	.02	1.65	.15	T		.24	.30				.08	1.40	1.44	T						T	T
GLASGOW	6.43										.59	.15	1.40	.13			.55					.90	1.30	1.03	.04	.02						.32
GLASGOW WKAY	6.64									.17	.58	T	1.42	.01			.51				.08	1.13	1.88	T						T	.20	.66
GLENDALE 1 E	6.08	T									.66	.42	1.17	.07			.67	.08				1.72	.67	.55								.07
GREENSBURG	6.70	T									.43	.10	1.66	.07			.19	.44				1.05	1.27	1.49	T					T	T	T
GREENSBURG HIWAY 61	6.88										.40	.22	1.72	.07			.25	.39				1.05	1.19	1.59	T							T
HODGENVILLE-LINCOLN NP	6.33									T	.70		1.25	T			.83				.48	1.52	.82	.42								.31
IRVINGTON	4.45						T			T	.30	.08	.99	T						.60	1.80	.39	T									.29
LEITCHFIELD	5.92	T									.45	.09	1.00	.06			.86	.11			T	1.65	.62	1.03	T						T	.05
LIBERTY	6.79	.05									.55	.23	1.94				.03	.80				.68	1.20	1.31	T							
LOUISVILLE	5.07										.30	.15	.85	.03			.28				.30	1.60	1.12	.20	T							.24
LOUISVILLE WB AP R	6.23						T			.08	.38	.58	.30	T			.38			T	.97	1.15	1.09	.02						T		1.28
LOUISVILLE UPPER GAGE	4.13											.38	.80	.02			.16	.11			.06	1.65	.63	.32	T	T						
MAMMOTH CAVE PARK	7.33						T			T	.66	.07	1.40	.04			1.06				.05	1.69	1.52	.42					T	T	T	.42
MILLERSTOWN	5.62										.44	.61	.72	T							.03	1.80	.94	1.02	.02							.04
MUNFORDVILLE	5.52										.44	.06	1.47	.09			.48	.25				1.67	1.06	T								T
NOLIN RIVER RESERVOIR	6.14	T										.79	1.10	.05			1.00				T	1.75	.83	.30	T						.30	.02
ROUGH RIVER DAM	6.23										.29	.12	1.10	.15			.40	.05			.20	1.70	.38	1.75	.07							.02
SCOTTSVILLE 3 SSW	4.92									.33	.31		1.38	T			.57					.64	1.40	T								.29
SCOTTSVILLE 2 SW	5.94	T									.57	.03	1.65	.05			.40	.12				.55	1.45	.90						.20		.02
SHEPHERDSVILLE	D 4.70									T	.03	.20	.82	.30			.62	.12			.05	1.87	.640	.03							.02	
SUMMER SHADE	6.56									.20	.60	.13	1.72	T			.70					.55	2.31							T		.35
WOLF CREEK DAM	5.35	.01									.68	.05	1.90	.18			.25	.24				.20	1.19	.22						.13	.12	.18
WOODBURY LOCK 4	6.17	T									.15	.42	1.14	.08			.86	.05			.03	2.19	.68	.42	.10							.05
• • • BLUE GRASS 03																																
BEREA COLLEGE	7.46	T					T				.62	.10	2.65				.52				T	.50	1.84	.33						T	.24	.66
BEREA	6.68	.03									.55	.19	1.90	.64			T	.58				.49	1.04	.96	T					.02	.28	
CARROLLTON LOCK 1	4.82	.02									.11	.36	.60	.23			.09	.12			.22	1.45	.66	.85	T						.11	
COVINGTON WB AIRPORT R	4.24	T	T	T		T	T			T	T	.05	.60	T		.01	.18			.07	.24	1.13	1.14	.07					T	.20		.55
CYNTHIANA	6.50							T			.41	.34	.86	.37			.23	.33				1.34	1.02	1.40	.02						.02	.16
CYNTHIANA 2	D 5.67										.38	.37	1.10	.30			.40					1.38	1.040	.70	T							
DANVILLE	7.03	.01									.48	.18	1.67	.34	T		.20	.61				.93	1.19	1.15	T						.27	
DIX DAM	5.66											.64	1.37	.18			.35	.40				.95	1.12		.65					T		
FALMOUTH 5 WNW	5.38	.04		T			T				.42	.12	.93	.21			.12	.22			.02	1.25	.46	1.41	.02						.16	T
FARMERS 1 WNW	5.74	.02						T			.53	.24	1.86				.08	.63				.50	1.02	.82	T						.04	
FLEMINGSBURG	5.82	.05									.48	.20	1.08	.49			.07	.58				.71	1.25	.83	.02						.06	
FLEMINGSBURG 1 SW	5.88	.02									.62	.05	1.54	.02			.63	.02			.27	.62	1.15	.71						.02		.21
FORD LOCK 10	5.82	.02									.48	.16	1.67	.17			T	.68				.77	1.12	.75	T						T	
FRANKFORT LOCK 4	5.46	.06						T			.42	.16	1.05	.06			.21	.25			T	1.27	.89	1.09	T						T	T
GEORGETOWN WATER WORKS	6.61	.05									.34	.23	1.06	.16			.51	.22				1.36	1.07	1.40	.04							.17
GEST LOCK 3	5.72	.03								T	.39	.28	.89	T			.14	.21			T	1.40	.90	1.35	T						.13	T
HIGH BRIDGE LOCK 7	6.31	.01									.48	.14	1.56	.14			.11	.64	T			1.01	1.10	1.06	T						.06	
KEENE 1 SSW	6.57	.04									.58			1.54	.18		.88					1.25	.92	.86							.08	.24
LA GRANGE 1 ESE	D 6.35	T					T			T	.33	.06	.85	D .10			.52			T	.35	1.65	2.04	.27						T		.18
LANCASTER	6.41											.79	1.66	.10			*	.B2				.79	1.34	.91								
LEXINGTON WB AIRPORT R	6.76	T					T			.24	.35	.43	1.01	.02			.70				.66	.96	1.71	.02						.15	.07	.44
LITTLE HICKMAN LOCK 8	6.32	T									.60	.15	1.70	.15			.20	.63				.95	1.15	.60	.10						.09	
LOCKPORT LOCK 2	6.45	.04									.38	.29	1.45	.09			.16	.05			.02	1.51	.93	1.42	T						.11	
MAYSVILLE SEWAGE PLANT	4.14	T									.73	.03	.99	.10			.17	.03				.95	1.04	.04							.06	
MIDWAY	5.57	.05									.23	.20	1.06	.09			.38	.34				1.40	.70	1.03	T							.09
MOUNT STERLING	6.78	.20					T			.10	.72	.20	1.85	.11			.47				T	.54	2.04	T						.30		.25
OWENTON 2 S	5.86	.03									.64	.05	.93	.03			.43				.27	1.38	1.41	.15							.02	.52
RICHMOND	6.95	.08									.50	.28	1.98	.45			.15	.46				.84	1.10	1.00	.03						.08	
SALVISA LOCK 6	7.15	.03									.55	.09	1.46	.33			.51	.45				1.19	1.10	1.20	.03						.14	.07
SHELBYVILLE	6.00	.01									.57	.28	.95	.06			.33	.17			.01	1.66	.71	1.25	T							
SPRINGFIELD	8.74	T									.62	.34	1.24				.34	.40				1.47	1.08	1.25	1.10	.90	T					T
TAYLORSVILLE	5.32	.02								.34	.34	.18	.86	.05			.38	.33			T	1.31	.76	.75	T					T		
TYRONE LOCK 5	6.26	.04	T								.23	.21	1.22	.10			.29	.33				1.65	1.04	1.09	.03						.03	T
VALLEY VIEW LOCK 9	6.05	.02						T			.48	.26	1.65	.27			.16	.49				.78	1.13	.80	.01						T	
WARSAW MARKLAND DAM	5.29	T									.07	.20	.52	.30			T	.22			.21	1.41	.60	1.25	.26						.25	

See Reference Notes Following Station Index

DAILY PRECIPITATION

Continued

KENTUCKY
MARCH 1968

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	6.61										.61	.24	1.94	.40			T	.64				.55	.98	1.01							.24	
WILLIAMSTOWN 3 NW	6.49	.01				T	T		T	.04	.53	.02	.93	.04			.35				.32	1.34	1.35	.25	T					.05	.08	1.18
* * *																																
EASTERN 04																																
ASHLAND	4.95	.05									.35	.08	1.97	T			.04	.71				.23	.88	.54							.10	
BARBOURVILLE	6.29	.07									1.54	T	1.50	.58			T	.43				T	1.15	.85	T						.17	T
BAXTER	4.30	.16									.72	.17	1.13	.27				.24					.51	.69							.22	.19
BLAINE 2 W	5.86										.32	.21	2.00	.70			.60				.53		.90	.60								
BUCKHORN	5.44	.05	.05				T				.72	.43	1.45	.35	.03		T	.40				.06	1.03	.67	.03						.10	.07
BURDINE 2 NE	3.80	.40										.60	.95	.52									.78	.35							.20	
CLAY CITY 1 WNW	6.33	T									.46	.25	1.98	.50			.15	.52				.62	1.05	.75	T						.05	
COLLEGE HILL LOCK 11	6.05	T						T			.38	.49	1.87	.35			.03	.42			T	.60	1.00	.87	T							.04
CUMBERLAND	5.41	.27		T			T			.10	.62	.13	1.77	.15			.32	.27				.24	.41	.66	T					T	.14	.33
CUMBERLAND FALLS ST PK	6.78	.25								.37	.50		2.06	.11			.40					.26	1.14	.80	.06					.15	.10	.58
DEWEY DAM	5.09	.16		T							.35	.10	1.56	.35	.05			.65				.17	.60	.55	.05						.50	T
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOURMILE KY UTIL PARK	6.18	.11									.83	.22	1.45	.96				.32					1.01	.88							.18	.22
FREEBURN 2 SW	3.88	.11	.03	T							.37	.03	.99	.76	.03		T	.48					.38	.68	.02							
FRENCHBURG	7.05	.02											2.79	.29				.76				.49	1.01	.90							.79	
GRAYSON 3 SE	5.88	.02	T								.42	.12	1.86	.73	T		.16	.49				.39	.85	.63	.05						.16	
HAZARD WATER WORKS	5.68	.19									.48	.37	1.55	.66								.05	.82	.78	.04						.31	.43
HEIDELBERG LOCK 14 R	7.08	.05						T			.37	.15	2.26	.76			T	.59				.58	1.17	.83	T						.32	
HINDMAN 11 NNE	3.55	.12									.21	.23	.99	.37				.27				.02	.48	.49	.03						.21	.13
HYDEN	5.96	.15	T								.60	.15	1.60	.76	T			.56				.01	.84	.74	.02						.14	.39
JACKSON	5.71	.08									.31	.13	1.87	.53	T							.56	1.07	.76	T						.05	.35
JEREMIAH D	3.41D	.30									.53		1.30	.43				.06					.12		.67							
LLOYD GREENUP DAM	5.30	.01		T			T				.23	.03	1.18	1.09			.05	.63				.40	.91	.55	T						.22	
LONDON FAA AP	6.66	.03		T			T			.49	.59	.43	1.23	.13			.60					.66	1.37	.01	T					T	.09	1.03
LOUISA 2	5.51	T	T	T							.30	.16	2.21	.50	.05			.49				.39	.66	.52	.08						.12	.03
MANCHESTER 4 SE	6.10	.11	.28								.50	T	1.54	.45				.37				.05	1.51	.76	T						.30	.23
MARTIN	4.57	.27	T								.45	.12	1.16	.84	T			.32				T	.54	.54	.10						.23	T
MC KEE	7.13	.05									.40	.35	2.43	.57	T		T	.80				.48	1.10	.80	T					T	.12	.03
MIDDLESBORO	4.65	.13									.59	.05	1.58	.59				.16					.54	.79	T							.22
MONTICELLO	7.07	.02									.85	.02	2.31	.93				.60				.02	1.25	1.07						T		
MOUNT VERNON	7.52						T			.02	.68	.18	2.26	.56				.13				.65	1.55	.45							.73	.31
ONEIDA	6.49	.05									.88	.33	1.62	.55				.55				.07	1.20	.65							.28	.31
PAINTSVILLE 1 S	5.73	.15					T				.35	.02	2.00	.78				.54				.30	.60	.62	.02	T					.33	.02
PIKEVILLE	4.12	.06					T			T	.59	.10	1.62	.18			.17					.20	.17	.55							.24	.24
RAVENNA LOCK 12	6.42	T									.50	.32	1.93	.60				.94				.34	1.04	.75							T	
SALYERSVILLE 2 SE	5.51	.05									.33	.14	1.94	.41				.54				.42	.80	.64							.24	
SOMERSET 2 N	6.61	.01								.15	.63	.07	2.07	.22			.52					.56	1.20	.70	.03					.03		.42
STEARNS	6.55	.08									1.07		2.21	.35	T			.50					1.33	1.01								T
TILFORD	5.10										1.10	.50	1.20											.10							1.50	.70
TOMAHAWK 1 WSW	5.54	.20		T				T			.35	.12	1.90	.40	T			1.00				.22	.55	.62	.06						.12	
VANCEBURG	-	T									1.00	-	-				.73				.04	.85	-	-							T	.83
WEST LIBERTY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILLIAMSBURG 1 E	6.23	.03									1.36		1.97	.29				.40					.98	.86							.08	.26
WILLOW LOCK 13	6.85	.14									.50	.16	2.13	.58	T			.78				.45	1.03	1.00	T						.08	T

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	25	3.5	11.1	30++	31	29	68	72	54	57	9	4	3	2	2	0	20	–	6.8
LEXINGTON WB AIRPORT	22	4.2	10.9	22++	6	12	70	76	55	57	2	3	5	3	2	0	15	–	6.5
LOUISVILLE WB AIRPORT	27	2.9	10.4	32	N	31	64	69	54	52	4	2	3	2	3	0	14	55	6.3

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	49	55	42	55	66	58	61	72	67	57	47	41	41	52	58	63	67	69	66	58	42	33	35	51	60	72	69	76	81	78	70	58.4
	MIN	15	29	20	15	25	39	21	28	46	45	38	30	20	25	42	48	32	38	52	42	33	29	16	22	32	40	39	46	56	53	50	34.4
BEAVER DAM	MAX	46	53	42	55	67	63	59	70	68	58	49	47	36	52	61	60	67	70	75	70	50	35	33	47	58	72	75	76	81	81	78	59.8
	MIN	17	32	17	13	29	37	19	27	52	46	40	30	18	18	41	49	30	37	45	48	33	30	14	18	26	35	41	50	56	55	58	34.2
FORDS FERRY DAM 50	MAX	48	50	39	53	65	50	56	71	62	54	50	41	36	53	59	58	67	73	73	58	41	34	33	47	62	72	74	77	81	80	64	57.5
	MIN	18	28	20	19	32	32	25	37	52	42	38	20	19	26	46	37	34	45	52	40	32	24	21	24	32	48	45	52	54	52	51	35.4
GILBERTSVILLE 1 SE	MAX	50	55	44	53	68	64	59	73	74	69	46	44	40	55	60	63	68	72	72	60	45	33	36	48	60	73	75	78	82	81	78	60.6
	MIN	15	35	19	17	33	39	25	39	53	45	40	30	18	25	43	49	32	43	51	45	32	29	15	19	33	39	45	54	59	54	58	36.5
GOLDEN POND 8 N	MAX	33	47	56	41	54								42	38	51	62	62	67	71	68	60	39	32	34	46	60	72	75	76	81	80	56.1
	MIN	19	21	21	19	24	37	27	30	42	50	40	39	20	21	31	48	35	41	44	51	38	31	20	19	29	35	41	49	48	55	56	34.9
GREENVILLE 2 W	MAX	46	53	45	54	68	63	58	70	65	58	48	47	36	53	64	60	67	70	72	68	48	35	32	44	57	70	74	76	80	80	78	59.3
	MIN	14	31	18	14	32	35	21	30	53	46	39	30	17	20	44	49	30	35	46	48	34	27	11	15	28	42	38	51	58	54	58	34.5
HENDERSON 7 SSW	MAX	48	49	42	54	66	59	57	70	65	58	46	44	37	52	53	61	65	70	74	63	43	34	34	45	58	71	73	76	81	79	77	58.2
	MIN	17	33	18	21	32	37	23	38	54	42	35	29	16	25	42	46	35	43	51	43	34	28	17	24	32	43	46	52	57	51	55	36.1
HICKMAN 1 E	MAX	50	57	47	57	68	61	62	73	70	58	49	42	40	52	59	65	70	71	67	60	44	34	36	50	62	73	70	77	81	80	73	59.9
	MIN	16	37	20	15	33	30	23	33	51	46	40	30	22	24	41	47	34	42	53	43	32	28	18	17	32	40	42	49	60	53	57	35.7
HOPKINSVILLE	MAX	34	48	59	43	55	67	48	60	71	66	65	50	42	40	55	66	66	65	70	73	60	40	32	34	47	60	73	76	75	81	82	58.2
	MIN	16	16	17	17	20	29	27	29	39	47	39	38	17	17	24	42	34	35	42	47	37	29	12	14	18	29	36	46	51	53	53	31.3
LOVELACEVILLE	MAX	47	53	43	55	67	61	62	72	65	57	47	39	41	54	58	63	69	69	67	57	41	35	35	59	62	73	69	75	80	78		58.4
	MIN	15	19	18	14	26	32	22	30	49	44	39	30	17	23	41	45	31	41	50	41	33	29	15	20	32	40	39	46	55	51		32.9
MADISONVILLE 1 SE	MAX	46	53	41	54	66	62	58	69	67	58	48	45	38	54	53	61	67	71	72	68	47	34	34	44	59	71	73	75	80	80	79	58.9
	MIN	17		17	20	33	36	20	30	50	43	38	29	16	25	43	49	31	35	47	44	32	26	15	22	28	39	38	53	55	53	57	34.7
MAYFIELD RADIO WNGO	MAX	50			56	67	61		68	65	58	45	40		56	60	67	71	75	72	64	44	35	38	48	63	72	74	78	81	82	74	61.6
	MIN	15		19	15	25	30		35		45		28				50	29		59	44	31	28		16	42	35	35	50			58	
MURRAY	MAX	32	47	57	41	53	65	50	61	71	61	61	48	40	38	53	61	61	68	71	70	58	37	30	35	45	59	71	73	75	80	80	56.5
	MIN	17	22	20	21	28	36	25	30	45	48	41	40	19	21	31	42	33	42	49	55	36	29	18	20	29	37	40	50	57	55	58	35.3
OWENSBORO 2 W	MAX	45	50	41	55	66	60	64	69	68	57	47	46	38	50	55	62	68	71	74	65	46	39	36	45	63	71	73	76	81	79	75	59.2
	MIN	17	30	20	19	28	36	23	33	47	47	38	28	15	23	40	50	32	40	50	45	33	29	13	20	31	40	40	49	49	53	55	34.6
PADUCAH FAA AIRPORT	MAX	48	52	42	54	67	52	59	70	60	55	43	41	41	50	57	62	67	68	67	57	39	32	35	48	60	72	69	75	80	78	62	56.8
	MIN	16	29	20	20	31	32	24	38	53	41	38	25	19	25	45	40	32	44	55	39	32	20	20	25	35	45	45	53	57	55	49	35.5
PADUCAH	MAX	49	54	44	56	67	67	58	71	69	64	46	43	40	53	58	62	67	69	69	67	43	34	34	48	61	72	71	77	81	80	78	59.7
	MIN	18	26	19	15	33	38	21	33	51	45	38	30	19	26	44	48	33	42	54	39	33	29	22	23	34	41	44	53	56	52	54	35.9
PRINCETON 1 SE	MAX	47	55	44	53	67	64	60	70	69	58	47	45	38	56	60	61	66	72	71	67	45	33	33	44	58	71	73	75	79	80	78	59.3
	MIN	16	32	16	17	30	38	23	38	51	43	40	30	15	23	42	33	33	47	51	45	32	26	11	10	30	41	45	52	59	55	58	34.9
ROCHESTER LOCK 3	MAX	35	45	52	40	52	65	47	59	70	62	56	51	41	37	53	63	60	66	70	72	64	42	33	34	45	56	70	74	74	80	80	56.4
	MIN	19	20	19	16	18	31	21	21	29	51	41	40	21	21	23	47	31	31	37	45	41	32	20	22	26	30	39	41	53	55	56	32.2
RUSSELLVILLE	MAX	35	46	58	38	53	65	45	59	70	65	58	52	44	39	53	64	61	65	69	71	66	43	34	45	45	58	71	74	74	79	79	57.4
	MIN	16	18	19	14	24	33	20	25	43	55	40	40	18	18	27	42	31	35	48	53	40	30	15	19	25	34	46	51	56	49	58	33.6
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	43	47	40	52	64	60	55	68	71	57	49	46	34	48	59	58	65	68	76	67	57	41	32	45	55	70	75	76	80	78	75	58.4
	MIN	16	30	15	19	28	36	19	32	48	43	37	31	16	17	37	46	33	34	48	51	39	31	22	21	27	36	41	50	54	51	47	34.0
BARDSTOWN 5 J PREP SCH	MAX	44	53	41	53	65	63	57	68	72	63	51	49	37	50	64	61	65	72	74	70	60	42	31	45	56	71	75	75	80	79	79	60.2
	MIN	18	30	17	15	27	37	19	29	53	50	39	35	18	19	44	49	30	33	46	50	41	28	23	23	27	35	42	50	57	51	55	35.2
BARREN RIVER RESERVOIR	MAX	34	45	58	42	52	65	46	60	70	66	60	54	48	40	54	64	61	64	72	73	68	53	34	33	43	59	72	75	74	78	80	58.0
	MIN	17	18	23	14	14	34	19	20	38	54	40	41	21	19	24	45	32	31	33	49	53	33	15	19	22	32	40	44	53	49	52	32.2
BOWLING GREEN FAA AP	MAX	45	56	40	53	65	47	58	68	64	56	53	44	38	52	63	60	65	71	70	68	60	35	34	43	57	71	73	72	79	81	63	58.2
	MIN	17	30	23	18	28	31	22	29	49	45	40	28	21	21	43	40	31	33	42	54	35	23	14	16	25	32	37	49	58	50	50	33.4
BRADFORDSVILLE	MAX	33	43	58	40	53	64	43	60	68	74	57	53	45	42	52	64	56	65	72	73	74	61	35	38	52	65	70	75	75	78	80	58.6
	MIN	16	25	18	8	25	39	13	22	51	50	39	39	19	16	30	49	29	29	38	35	56	34	24	18	21	29	33	34	55	49	55	32.2
CAMPBELLSVILLE	MAX	41	56	52	51	62	61	57	67	70	60	53	51	37	51	63	61	63	70	73	71	62	42	32	41	57	69	74	74	77	80	79	59.9
	MIN	17	32	17	17	29	38	19	34	52	52	39	37	20	20	41	49	31	34	47	55	42	31	21	20	26	37	38	53	54	52	53	35.7
CECILIA	MAX	44	55	48	53	65	62	57	68	70	57	49	46	37	51	61	60	65	68	74	64	56	40	32	43	55	70	73	73	80	77	73	58.9
	MIN	12	18	22	15	26	37	20	26	47	45	37	31	17	18	36	47	31	33	44	56	38	27	15	18	25	32	40	48	53	51	54	32.9
CLERMONT 1 SSE	MAX	43	53	41	54	66	66	56	68	74	61	50	49	37	50	61	63	68	70	75	71	59	53	33	43	55	71	74	72	78	76	80	60.3
	MIN	14	28	15	15	26	22	16	25	51	48	38	35	17	15	34	48	25	25	42	48	40	30	23	20	23	31	36	53	54	48	53	32.2
GLASGOW WKAY	MAX	44	56	41	52	64	58	58	68	67	58	54	48	38	52	63	57	65	72	73	70	60	38	31	43	58	71	75	73	78	80	62	58.9
	MIN	17	33	22	14	28	38	21	35	52	47	39	34	20	18	42	48	31	35	48	57	38	28	16	19	24	35	39	49	57	47	56	35.1
GREENSBURG	MAX	37	45	58	41	53	65	44	61	69	71	58	55	45	40	54	65	59	68	73	75	73	60	37	35	45	60	72	77	74	79	82	59.0
	MIN	19	19	21	14	13	24	19	19	29	53	41	41	23	20	22	43	32	32	32	43	55	36	23	22	23	26	30	35	47	50	51	30.9
HODGENVILLE-LINCOLN NP	MAX	44	55	52	52	64	64	57	68	70	63	51	49	38	50	64	61	64	69	75	70	60	40	34	40	53	70	75	74	80	81	81	60.3
	MIN	15	29	17	13	28	37	18	31	52	49	38	37	18	17	39	47	31	36	48	53	40	30	19	18	19	35	41	49	54	49	50	34.1
IRVINGTON	MAX	43	50	39	52	68	60	57	67	70	60	47	46	35	50	59	59	66	69	74	73	51	38	39	43	54	70	73	73	79	77	70	58.4
	MIN	13	33	15	21	33	38	22	35	53	45	38	31	16	18	41	48	32	39	50	51	37	28	24	20	28	42	35	51	57	53	56	35.6
LEITCHFIELD	MAX	44	53	39	53	65	60	57	68	69	57	49	47	37	50	62	60	64	69	74	66	53	38	30	44	55	71	75	74	80	80	69	58.5
	MIN	17	27	19	18	27	37	23	36	53	44	39	29	18	22	42	49	36	41	50	53	38	29	16	20	28	38	45	51	55	54	57	35.8
LOUISVILLE	MAX	43	47	39	53	64	64	55	68	71	68	50	50	35	50	58	61	65	70	75	75	58	43	32	47	58	68	75	75	80	80	78	59.8
	MIN	22	36	19	25	37	37	25	31	55	46	37	34	19	24	40	49	38	40	50	56	40	32	29	24	32	38	47	57	61	55	60	38.5
LOUISVILLE WB AP	MAX	43	51	39	52	64	47	54	67	72	56	49	40	35	47	59	56	63	67	74	61	50	38	30	44	55	70	74	74	80	78	64	56.5
	MIN	21	28	20	21	35	27	23	30	55	42	38	27	20	22	35	39	34	37	45	48	38	29	25	25	30	35	43	53	55	53	48	34.9
MAMMOTH CAVE PARK	MAX	43	56	46	53	65	62	57	68	69	67	52	49	37	52	64	60	66	70	73	69	60	38	32	44	55	70	75	73	79	80	70	59.8
	MIN	16	31	22	14	30	36	19	34	51	50	39	35	19	15	41	49	30	33	46	55	38	29	12	15	24	34	41	52	58	49	55	34.6

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

KENTUCKY
MARCH 1968

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NOLIN RIVER RESERVOIR	MAX	34	45	55	41	46	65	58	58	68	69	56	51	41	38	52	64	59	65	70	73	75	46	33	32	44	55	71	75	74	80	80	57.2
	MIN	16	30	20	14	20	38	23	20	42	51	41	39	19	17	22	51	32	32	45	56	45	33	18	20	26	26	35	48	55	50	58	33.6
ROUGH RIVER DAM	MAX	34	45	52	41	53	67	49	59	69	69	55	49	39	38	50	60	60	66	71	74	61	43	33	33	45	57	70	73	75	80	80	56.5
	MIN	16	17	16	17	20	30	19	20	41	53	40	37	11	11	22	45	30	32	36	51	41	31	15	20	21	29	40	45	53	53	54	31.2
SCOTTSVILLE 3 SSW	MAX	45	58	45	53	66	59	58	70	63	58	53	50	37	52	64	58	68	72	74	68	62	38	34	46	58	72	79	73	79	81	74	60.2
	MIN	16	31	22	21	28	38	25	38	51	45	41	35	21	23	42	49	34	50	51	58	38	29	16	17	28	39	47	52	56	52	57	37.1
SUMMER SHADE	MAX	43	58	41	51	63	54	60	67	66	59	57	52	39	53	62	57	65	71	72	69	64	39	34	44	58	70	75	72	78	79	73	59.5
	MIN	17	30	22	13	24	32	19	37	52	50	41	30	22	18	40	47	32	35	45	58	39	28	18	15	27	32	39	49	57	48	55	34.4
WOLF CREEK DAM	MAX	38	42	57	40	54	65	45	60	68	68	65	57	58	40	55	64	59	65	70	75	75	67	40	34	47	62	72	76	73	77	80	59.6
	MIN	21	21	23	11	16	28	20	24	28	50	45	44	24	18	27	49	34	29	39	44	54	38	25	16	16	29	32	42	47	44	44	31.7
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	40	55	45	51	61	58	55	62	73	66	55	51	39	51	62	60	61	68	75	75	64	46	32	44	59	68	75	72	76	78	75	59.7
	MIN	20	33	18	23	33	38	21	33	53	51	40	38	19	21	36	49	31	35	48	58	44	29	24	24	30	40	48	56	56	52	58	37.4
CARROLLTON LOCK 1	MAX	42	46	40	55	64	64	54	64	69	68	49	49	35	46	58	58	64	66	75	74	54	44	34	47	52	70	74	74	81	80	77	58.9
	MIN	18	31	15	18	28	36	16	23	52	46	35	33	16	17	35	47	29	30	39	50	43	32	24	23	29	35	39	47	53	49	58	33.7
COVINGTON WB AIRPORT	MAX	41	44	39	54	64	44	54	64	70	55	50	37	30	43	59	56	63	67	77	65	52	39	31	45	53	68	74	75	79	76	67	56.0
	MIN	22	25	15	20	30	34	22	34	50	42	35	23	17	16	38	39	36	37	51	48	39	29	23	26	30	40	45	51	55	50	45	34.4
CYNTHIANA 2	MAX	35	40	48	38	53	58	62	57	65	52	54	53	39	42	47	62	53	65	68	75	69	61	35	30	43	55	70	70	75	79		55.1
	MIN	22	22	17	17	21	20	15	18	30	48	37	35	18	16	11	39	26	27	31	40	50	35	23	23	24	26	33	38	39	47		28.3
DANVILLE	MAX	34	41	54	38	53	62	42	57	67	72	55	55	42	37	51	63	53	63	69	75	75	65	37	32	45	59	70	75	73	79	79	57.2
	MIN	19	19	17	12	24	34	20	20	38	51	40	37	19	19	20	41	35	34	34	45	53	36	24	22	22	30	43	47	53	52	52	32.6
DIX DAM	MAX	40	53	49	51	61	61	56	67	71	64	58	51	38	48	63	63	64	67	75	74	64	46	34	41	55	69	74	73	76	78	78	60.1
	MIN	19	31	17	20	27	38	20	28	52	47	40	36	19	19	39	46	30	32	41	56	45	26	24	27	22	34	40	45	52	53	55	34.8
FALMOUTH 5 WNW	MAX	39	46	37	53	63	56	55	65	71	65	50	45	33	46	60	58	64	66	75	69	59	42	35	45	54	70	75	74	79	76	75	58.1
	MIN	22	32	10	12	23	35	10	17	39	47	28	31	15	13	37	47	25	35	34	49	42	30	20	22	21	28	32	40	50	45	53	30.5
FARMERS 1 WNW	MAX		50	39	51	62	57	56	65	73	64	55	51	38	48	62	59	62	69	75	77	68	48	35	45	61	70	76	74	77	78	70	60.5
	MIN	23	34	16	14	28	38	18	24	50	49	41	36	19	18	32	46	34	29	35	46	46	34	26	26	25	30	35	43	53	57	52	34.1
FLEMINGSBURG 1 SW	MAX	36	45	37	50	60	57	53	64	73	66	52	48	35	45	60	59	60	66	73	70	65	46	33	43	56	68	74	71	76	75	71	57.6
	MIN	16	29	16	18	21	35	20	29	47	48	37	35	17	12	21	47	28	30	42	52	46	32	24	24	27	32	37	52	52	51	52	33.2
FRANKFORT LOCK 4	MAX	34	43	49	39	53	64	46	55	66	73	57	50	39	37	48	62	54	66	65	75	68	62	36	32	46	55	70	74	74	81	80	56.5
	MIN	23	23	17	17	18	24	18	18	24	42	39	37	19	18	19	43	31	30	30	38	48	33	25	22	23	26	31	35	44	47	51	29.5
LEXINGTON WB AIRPORT	MAX	39	51	36	52	63	45	55	66	72	57	51	41	34	48	63	54	63	66	75	70	63	41	29	40	55	69	75	73	78	77	66	57.0
	MIN	21	26	17	18	30	32	22	35	50	44	40	25	19	20	39	41	32	37	47	55	41	28	24	23	29	39	44	52	54	53	48	35.0
MAYSVILLE SEWAGE PLANT	MAX	31	40	45	37	53	61	42	55	65	65	53	53	40	36	48	63	51	62	67	75	68	64	38	37	45	58	69	76	74	79		55.0
	MIN	22	25	16	16	22	31	20	20	25	45	35	35	18	18	20	42	31	30	30	38	48	30	27	27	26	28	35	38	54	55		30.2
MOUNT STERLING	MAX	39	52	45	51	60	60	54	65	73	71	56	53	36	47	62	62	63	66	75	75	67	50	34	43	58	68	75	74	78	77	76	60.2
	MIN	21	30	18	20	29	36	22	29	49	50	38	35	17	18	35	48	31	32	43	53	49	33	25	23	27	34	40	52	53	53	54	35.4
OWENTON 2 S	MAX	40	44	38	52	63	60	57	64	70	68	51	48	33	46	60	58	65	67	75	72	58	43	33	45	54	69	74	74	78	79	75	58.5
	MIN	18	29	12	8	23	34	13	20	40	47	30	32	16	11	30	46	25	28	38	48	42	30	22	19	20	27	33	43	48	47	53	30.1
RICHMOND	MAX	32	41	34	37	54	62	44	59	66	73	56	55	43	36	50	64	53	62	65	73	75	65	38	34	45	59	69	75	75	75	78	56.4
	MIN	19	23	16	16	18	38	22	36	49	51	40	36	18	20	31	48	30	36	42	50	54	38	24	21	28	34	44	50	54	55	54	35.3
SHELBYVILLE	MAX	30	41	49	38	52	63	44	54	66	72	52	48	36	34	46	60	55	63	65	73	62	55	33	31	44	51	68	73	72	78	76	54.3
	MIN	17	17	15	15	18	27	21	22	36	47	37	35	16	16	21	41	32	32	37	48	49	32	22	17	21	28	38	46	50	50	51	30.8
WARSAW MARKLAND DAM	MAX	30	40	44	39	55	65	43	54	65	68	52	48	36	33	46	59	55	64	68	77	63	51	37	32	47	55	70	75	74	79	78	54.9
	MIN	24	20	18	16	18	25	16	15	22	45	35	33	19	16	16	43	30	30	30	39	46	35	24	24	28	28	31	36	49	49	47	29.3
WAYNESBURG 7 NE	MAX	40	54	39	48	60	59	56	65	70	58	53	49	41	49	61	57	60	69	74	73	65	42	30	43	58	69	73	71	75	78	71	58.4
	MIN	18	29	17	11	29	36	23	35	50	48	39	38	17	18	39	46	35	39	46	53	42	30	22	19	24	36	43	53	51	52	54	35.2
WILLIAMSTOWN 3 NW	MAX	39	45	38	52	62	58	54	64	70	56	48	44	34	44	59	55	65	64	73	67	59	42	42	42	51	67	73	72	78	75	72	56.9
	MIN	20	31	13	19	28	34	22	32	49	45	32	31	15	19	37	46	36	40	45	51	41	28	21	21	28	39	47	51	53	49	56	34.8
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	33	39	48	36	53	63	44	54	67	76	53	55	52	40	50	63	52	62	66	76	80	72	45	41	49	63	72	78	76	79	76	58.5
	MIN	23	21	13	11	14	17	19	17	23	50	24	36	20	16	17	42	32	28	28	30	49	39	32	26	24	24	33	34	44	47	49	28.5
BARBOURVILLE	MAX	33	41	60	43	55	65	44	61	67	69	70	74	66	38	56	63	57	65	72	76	81	73	59	34	52	62	73	77	74	74	81	61.8
	MIN	21	22	24	13	13	18	21	21	25	52	47	45	24	18	19	44	33	30	29	36	44	42	26	24	24	24	25	33	46	48	49	30.3
BAXTER	MAX	33	36	56	40	50	60	43	60	62	69	63	62	67	35	53	62	53	60	71	75	79	74		33	50	61	70	75	72	70	78	59.1
	MIN	20	19	20	13	13	17	22	21	23	40	46	45	23	17	18	36	35	29	29	33	40	43	28	22	23	23	27	30	42	43	49	28.7
BLAINE 2 W	MAX	33	38	50	35	50	60	43	55	65	75	74	74	57	35	50	50	65	75	78	78	70	70	41	32	48	62	70	78	75	78	78	59.4
	MIN	21	20	15	9	7	13	15	14	17	50	40	35	20	13	12	24	24	25	27	40		40	28	25	20	20	25	29	40	40	45	25.1
CUMBERLAND	MAX	38	55	47	50	53	61	59	61	56	71	57	66	53	54	61	59	60	64	77	82	78	80	42	50	64	75	82	78	72	76	71	63.0
	MIN	17	20	4	8	21	27	18	18	25	46	42	43	16	11	30	41	33	28	28	39	48	38	20	22	19	24	41	42	40	43	45	28.9
DEWEY DAM	MAX	32	40	53	37	52	62	45	49	66	76	56	56	66	35	50	64	60	59	67	78	82	75	50	35	50	62	74	78	75	77	78	59.3
	MIN	22	24	21	12	12	19	20	20	20	38	41	38	22	15	15	32	35	30	28	30	44	44	30	26	22	22	28	30	44	47	47	28.3
GRAYSON 3 SE	MAX	32	39	52	35	52	62	43	55	66	76	52	54	48	34	47	62	51	60	67	76	79	72	40	33	49	62	72	77	75	79	77	57.4
	MIN	23	23	12	17	23	32	15	17	21	50	39	35	20	14	17	34	31	26	27	32	48	38	26	26	22	28	29	34	45	48	48	29.0
HEIDELBERG LOCK 14	MAX	38	56	54	51	62	62	55	64	74	73	59	54	53	49	62	63	62	67	76	78	76	57	41	47	60	70	76	77	74	78	80	62.8
	MIN	23	23	23	11	16	31	17	20	37	48	43	38	21	15	29	44	33	29	31	42	49	40	27	25	23	27	30	41	42	52	48	31.5
HINDMAN 11 NNE	MAX	34	46	56	39	51	62	44	55	65	75	59	56	65	36	50	64	61	61	66	79	83	78	54	36	51	64	73	79	75	75	77	60.3
	MIN	23	24	23	15	16	23	20	20	22	43	42	38	23	16	16	30	35	27	28	37	43	44	28	26	23	23	30	31	43	47	47	29.2
HYDEN	MAX	34	38	57	38	50	63	43	58	65	71	65	56	68	36	53	63	58	61	69	77	81	76	64	33	49	65	73	77	74	74	79	60.3
	MIN	22	22	23	12	12	19	21	21	21	36	43	41	22	16	16	30	37	30	30	33	42	43	28	24	23	23	27	30	40	39	50	28.3
JACKSON	MAX	35	39	55	38	53	64	44	56	67	72	59	57	62	35	53	64	63	60	70	77	79	74	48	34	49	64	73	78	75	76	74	59.6
	MIN	22	22	19	12	11	20	19	20	23	49	42	38	22	17	18	30	29	28	27	32	44	42	26	24	24	24	29	31	43	44	40	28.1

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

KENTUCKY
MARCH 1968

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LONDON FAA AP	MAX	38	56	36	49	62	44	56	66	70	59	55	68	34	51	63	55	61	69	76	79	72	44	31	46	62	72	76	72	75	78	68	59.5
	MIN	21	28	21	13	23	34	22	26	50	49	43	30	21	18	36	39	24	29	36	49	44	28	25	21	24	29	33	47	46	47	51	32.5
MANCHESTER 4 SE	MAX	38	58	52	51	65	61	59	66	70	63	57	67	54	53	63	61	62	70	77	80	76	55	36	50	63	72	78	75	74	80	78	63.4
	MIN	21	24	25	10	16	35	18	21	37	49	43	41	22	17	32	46	36	26	42	42	50	36	26	23	22	26	30	40	43	50	49	32.2
MC KEE	MAX	37	40	54	36	48	63	42	56	66	72	58	54	57	35	50	63	52	60	67	76	78	67	42	30	46	62	72	76	74	78	78	57.7
	MIN	20	21	20	8	9	16	16	16	20	43	40	42	20	12	14	35	30	26	26	31	48	40	25	22	22	24	27	31	42	44	46	27.0
MIDDLESBORO	MAX	33	40	59	39	53	62	43	59	64	67	68	65	69	38	54	63	54	61	70	74	79	72		36	49	61	70	75	73	71	79	60.0
	MIN	21	22	25	15	15	17	24	22	24	52	48	48	24	17	17	37	35	28	28	35	44	43	27	24	23	24	27	30	45	45	45	30.0
MONTICELLO	MAX	43	61	48	53	64	58	59	69	68	64	58	58	47	54	65	58	62	72	77	78	70	44	32	45	62	72	77	73	77	81	73	62.0
	MIN	18	34	23	12	20	36	18	26	55	53	42	43	22	18	39	51	30	30	43	50	44	30	24	17	25	31	37	50	53	49	55	34.8
MOUNT VERNON	MAX	40	56	44	50	60	60	57	66	70	59	54	51	50	62	58		62	69	75	74	67	46	32	44	60	70	76	75	75	79	78	60.6
	MIN	19	34	19	18	32	36	18	31	52	51	39	38	15	40	47		28	29	42	44	31	30	22	20	22	31	34	54	55	50	56	34.6
PIKEVILLE	MAX	40	57	48	55	66	54	60	70	77	66	60	71	58	57	67	60	63	72	82	85	81	71	43	54	68	76	82	78	78	80	74	66.2
	MIN	24	30	24	16	23	42	24	24	35	50	46	42	24	18	32	49	36	30	31	45	51	41	30	28	25	30	33	44	48	53	49	34.7
SOMERSET 2 N	MAX	40	58	46	51	61	58	58	66	68	62	55	55	49	52	63	59	62	70	75	76	66	47	32	52	60	70	76	72	74	80	76	60.9
	MIN	21	29	20	13	23	39	19	21	48	50	42	42	20	16	30	33	29	28	34	47	45	30	24	21	21	25	30	42	47	48	51	31.9
STEARNS	MAX	40	48	57	36	50	64	44	59	67	70	62	57	68	25	56	51	51	60	71	77	79	67		36	45	62	72		78	80	82	59.1
	MIN	20	21	21	16	17	26	26	26	38	53	42	41	21	18	20	38	31	34	37	40	56	39		17	23	29	35	40	52	54	55	32.9
TOMAHAWK 1 WSW	MAX	34	39	55	37	53	64	45	55	61	76	56	55	68	36	49		60	60	66	78	82	75	49	35	65	61	74	78	75	76	78	59.8
	MIN	22	22	15	11	11	16	17	17	17	36	40	37	22	12	20	32	32	25	25	28	40	42	28	25	20	20	26	29	40	42	42	26.2
VANCEBURG	MAX	36	42	32	50	58	55	54	63	70	65	49	46	41	47	61	58	59	56	72	72	62	48	35	42	61	69	69	71	76	73	69	56.8
	MIN	19	26	8	13	21	18	13	15	37	45	29	23	13	10	24	40	29	23	27	43	48	31	24	23	19	23	39	36	45	43	43	27.4
WEST LIBERTY	MAX																																
	MIN																																
WILLIAMSBURG 1 E	MAX	40	61	57	54	65	62	60	66	69	66	60	69	59	54	61	62	64	71	77	80	74	50	36	50	62	74	77	73	75	81	79	64.1
	MIN	20	34	24	14	27	41	23	29	54	53	45	44	22	19	40	42	30	29	38	51	49	33	24	22	24	32	35	55	58	50	56	36.0

EXTREMES

HIGHEST TEMPERATURE PIKEVILLE	85	DATE	20
LOWEST TEMPERATURE CUMBERLAND	4	DATE	03
GREATEST TOTAL PRECIPITATION SPRINGFIELD	8.74		
LEAST TOTAL PRECIPITATION JEREMIAH	3.41D		
GREATEST 1 DAY PRECIPITATION FRENCHBURG	2.79	DATE	12
GREATEST TOTAL SNOWFALL HICKMAN 1 E	15.6		
GREATEST DEPTH OF SNOW MAYFIELD RADIO WNGO	14	DATE	22

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BEAVER DAM	SNOWFALL																						-	-								
	SN ON GND																						11	10	6							
FORDS FERRY DAM 50	SNOWFALL													.8									1.5	2.5								
	SN ON GND													1	T								2	4	3	T						
HENDERSON 7 SSW	SNOWFALL												1.0	T								T	8.0	T								
	SN ON GND												1	T								T	8	4	T	T						
HOPKINSVILLE	SNOWFALL													.5									6.0	7.0	T							
	SN ON GND																						6	12	7	1						
MURRAY	SNOWFALL													T									10.6	3.8								
	SN ON GND													T									11	12	6	2	T					
OWENSBORO 2 W	SNOWFALL													1.0								T	3.0	6.0								
	SN ON GND													1	T								3	9	6	T						
PADUCAH FAA AIRPORT	SNOWFALL		T										.4									T	2.0	T								
	SN ON GND													T									1	3	T							
RUSSELLVILLE	SNOWFALL																						-	-								
	SN ON GND																						-	-								
* * * CENTRAL 02																																
BARDSTOWN S J PREP SCH	SNOWFALL													T									6.3	2.0								
	SN ON GND																						6	6	2							
BOWLING GREEN FAA AP	SNOWFALL			T									T	T									11.0	T								
	SN ON GND												T											8	4	1						
CAMPBELLSVILLE	SNOWFALL	T												.6									9.2	1.0								
	SN ON GND																						9	6	1	T						
IRVINGTON	SNOWFALL																					-										
	SN ON GND																					12	9	4	1	T						
LOUISVILLE WB AP	SNOWFALL												.3	T								T	12.0	.4								
	SN ON GND	T												T									T	11	8	T						
	WTR EQUIV																							.8	.6							
MAMMOTH CAVE PARK	SNOWFALL													T									7.0	5.0								
	SN ON GND																						10	10	4	1	T					
MILLERSTOWN	SNOWFALL																						1.0	9.0	.3							
	SN ON GND																						1	10	10	3	T					
SUMMER SHADE	SNOWFALL													T									-									
	SN ON GND																						9	6	2							
* * * BLUE GRASS 03																																
BEREA COLLEGE	SNOWFALL	T																					-	-								
	SN ON GND																						6	5								
COVINGTON WB AIRPORT	SNOWFALL	T	T	T			T					.2	2.3	T								T	9.8	.7								
	SN ON GND	T	T	T									2	T	T	T							T	9	7	T	T					
	WTR EQUIV												.3											.9	.9							
CYNTHIANA	SNOWFALL																							8.0	T							
	SN ON GND																							6	4	T						
DANVILLE	SNOWFALL	.2												1.0										10.0	T							
	SN ON GND	1												1										10	5	1						
FARMERS 1 WNW	SNOWFALL												1.0											1.0	T							
	SN ON GND	1											1											1	T							
GEST LOCK 3	SNOWFALL	-												-									-	-	-							
	SN ON GND	1												T									T	12	6	1						
LEXINGTON WB AIRPORT	SNOWFALL	.4											.3	.2									7.4	.3								
	SN ON GND	1	T											1										8	5	1						
	WTR EQUIV																							1.6	.8							
MAYSVILLE SEWAGE PLANT	SNOWFALL													.3										.5								
	SN ON GND													T										1	T	T						
WILLIAMSTOWN 3 NW	SNOWFALL	.3					T							.2									9.0	3.0	.2							
	SN ON GND	T	T																				9	10	4	T						
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL	3.0		T										1.5				T						3.5	T							
	SN ON GND	5	2	T	T	T	T	T	T					T										1	T	T						
DEWEY DAM	SNOWFALL	4.0		T										T	T									T	T							
	SN ON GND	3	T	T										T	T									T	T							
HAZARD WATER WORKS	SNOWFALL	-												-									-									
	SN ON GND	5	2	T	T									T									T									
HEIDELBERG LOCK 14	SNOWFALL													1.7										2.0								
	SN ON GND	3	T											1										2								
LONDON FAA AP	SNOWFALL	T		T									T	1.6									1.0	1.0	T							
	SN ON GND	2												1										1								
MIDDLESBORO	SNOWFALL	-																							-							
	SN ON GND	3																														
MONTICELLO	SNOWFALL	.2												T										5.0								
	SN ON GND	T																						5								
PIKEVILLE	SNOWFALL	.5												T										.1								
	SN ON GND	1																						T								
SOMERSET 2 N	SNOWFALL																						-	-								
	SN ON GND																						3	5								

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station		Day Of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN S J PREP SCH																																	
4 INCHES	MAX	36	40	39	39	42	42	45	46	50	51	50	49	44	45	48	50	56	56	57	57	57	53	43	41	50	54	57	59	62	65	66	50.0
	MIN	35	35	38	38	36	41	37	39	45	50	48	44	39	38	42	47	44	46	49	53	53	43	41	40	38	42	47	51	54	61	59	44.3
20 INCHES	5 PM	38	38	38	38	38	39	39	40	41	43	44	44	43	43	42	43	44	45	46	47	51	45	48	45	45	45	45	47	49	50	52	43.7
BEREA COLLEGE																																	
4 INCHES	MAX	32	34	34	35	36	35	38	44	44	44	45	45	44	44	43	44	46	47	49	51	51	46	45	42	42	50	50	51	54	56	56	44.4
	MIN	32	32	33	32	34	34	35	38	40	44	44	43	42	41	40	43	43	43	46	49	46	42	42	42	42	42	45	50	51	53	55	41.9
20 INCHES	5 PM	35	35	35	35	36	36	36	37	37	39	40	41	41	41	41	41	42	42	43	44	46	45	45	44	44	44	44	45	46	47	49	41.2
CAMPBELLSVILLE																																	
4 INCHES	MAX	34	40	40	39	41	42	45	45	49	49	49	49	45	45	47	48	52	54	54	54	54	52	43	42	47	51	54	54	58	61	62	48.4
	MIN	33	34	35	35	35	39	36	39	44	49	46	45	39	38	42	47	43	45	49	51	52	43	42	40	39	42	46	50	52	54	57	43.3
20 INCHES	6 PM	36	36	36	36	37	37	37	38	39	41	43	44	43	42	42	43	43	44	45	46	47	47	45	44	43	43	46	45	47	48	50	42.4
CUMBERLAND GAP PARK																																	
4 INCHES	MAX	33	36	37	36	38	38	40	41	44	48	44	54	54	45	45	45	48	48	49	53	53	54	54	47	47	-	52	52	53	55	56	46.6
	MIN	33	32	35	34	34	38	38	37	40	43	42	44	45	39	42	45	43	43	45	47	51	53	47	42	42	-	43	50	51	51	55	42.8
20 INCHES	5 PM	37	37	38	38	38	38	39	39	40	42	43	45	45	44	44	45	45	45	45	46	48	49	49	48	47	-	47	48	49	49	50	43.9
FLEMINGSBURG 1 SW																																	
4 INCHES	MAX	30	30	30	30	30	32	35	36	42	42	48	43	39	37	38	41	44	45	46	47	48	48	48	39	41	44	47	48	51	54	-	41.1
	MIN	30	30	30	30	30	30	31	33	36	42	42	39	36	34	36	38	39	40	42	45	47	43	39	37	36	39	41	44	47	49	-	37.8
20 INCHES	6 PM	36	36	36	36	36	36	36	36	36	38	39	40	40	40	40	40	40	40	41	42	42	44	44	44	42	42	42	43	44	45	-	39.9
GLASGOW WKAY																																	
4 INCHES	MAX	35	35	35	36	36	38	40	42	44	45	46	45	45	43	42	45	46	46	48	48	49	49	45	45	43	46	47	50	52	54	54	44.3
	MIN	35	34	35	35	35	36	38	39	42	44	45	45	41	39	38	42	45	44	46	48	48	45	44	43	42	41	45	47	49	51	53	42.4
20 INCHES	6 PM	36	36	37	37	37	38	38	39	40	41	42	42	42	41	42	42	43	43	44	45	46	45	44	44	43	43	44	45	46	48	49	42.0
GREENVILLE 2 W																																	
4 INCHES	MAX	33	37	37	38	40	42	43	44	47	47	47	47	44	44	44	49	52	52	52	52	53	49	44	41	42	49	52	54	59	61	63	47.0
	MIN	33	33	35	34	36	39	37	38	44	46	46	44	40	39	42	44	44	47	49	52	49	43	41	40	38	41	46	49	53	57	59	43.2
20 INCHES	5 PM	38	38	38	38	38	39	39	39	41	42	43	43	43	43	42	43	44	45	45	47	47	46	45	44	44	44	44	46	48	50	50	43.1
HENDERSON 7 SSW																																	
4 INCHES	MAX	38	39	39	40	42	42	43	44	47	47	47	46	44	44	43	49	49	50	50	50	49	49	46	45	44	48	50	53	54	57	59	46.7
	MIN	37	38	38	38	39	42	40	43	44	47	46	44	43	42	43	42	47	48	50	49	48	46	44	43	43	44	48	50	52	54	57	44.8
20 INCHES	6 PM	39	39	39	40	40	40	41	42	43	44	44	44	43	43	43	44	45	45	46	47	47	47	46	45	44	44	45	46	48	50	51	44.0
IRVINGTON																																	
4 INCHES	MAX	36	39	39	39	40	41	44	44	47	48	48	48	45	44	43	48	51	52	52	52	52	51	46	45	45	49	53	54	58	56	-	47.0
	MIN	36	36	38	38	39	39	40	42	44	47	47	44	41	40	43	43	48	48	50	52	51	46	44	43	42	45	49	51	54	55	-	44.5
20 INCHES	6 PM	37	37	37	37	37	37	37	38	38	40	41	41	41	41	41	41	41	42	44	44	45	45	45	44	43	43	44	44	47	47	-	41.3
LEXINGTON CAMPUS FARM																																	
BARE GROUND																																	
1 INCH	MAX	33	39	38	32	47	39	51	53	66	56	46	52	48	51	54	49	65	64	64	66	58	45	35	34	34	61	68	66	74	80	63	52.6
	MIN	31	31	32	25	32	32	28	32	41	46	35	41	34	33	34	40	35	36	40	48	45	35	34	34	33	34	38	46	48	51	50	37.2
2 INCHES	MAX	32	34	34	31	45	38	47	49	60	55	46	51	45	48	51	49	62	61	60	62	57	46	36	34	34	57	63	64	70	75	61	50.2
	MIN	31	31	31	27	31	31	29	32	41	46	36	42	34	33	34	42	35	37	41	48	46	36	34	34	33	33	39	46	48	52	52	37.6
4 INCHES	MAX	32	32	32	31	32	34	38	44	53	51	42	48	43	43	47	48	55	55	55	56	55	48	48	36	35	50	56	58	63	67	59	46.6
	MIN	30	31	31	30	31	31	31	33	41	42	38	43	35	35	36	44	38	40	43	48	48	48	36	35	34	34	40	47	49	53	54	39.0
8 INCHES	MAX	32	32	33	31	33	33	34	40	46	48	43	45	43	41	43	45	48	49	50	52	52	49	42	39	37	45	49	52	56	59	56	43.8
	MIN	31	31	31	31	31	31	31	33	40	42	40	43	37	36	38	43	40	42	44	48	49	42	38	37	35	35	42	47	50	53	55	39.5
SOD																																	
1 INCH	MAX	33	33	33	32	34	37	42	43	48	48	45	46	42	40	44	45	49	49	50	51	52	47	42	41	39	40	50	53	56	60	56	44.5
	MIN	31	31	31	31	32	33	34	30	41	45	39	42	36	35	38	42	39	40	43	47	47	42	41	39	38	37	42	46	48	51	53	39.5
2 INCHES	MAX	33	32	33	32	34	37	41	42	47	47	46	45	43	40	43	45	48	48	49	50	52	48	42	41	40	46	49	52	55	58	55	44.3
	MIN	31	31	32	31	32	33	34	30	41	46	40	43	37	36	38	43	40	41	43	47	47	42	41	40	38	38	42	46	48	51	53	39.8
4 INCHES	MAX	33	32	33	32	33	36	39	41	45	46	45	44	43	40	42	44	46	47	48	49	51	48	43	42	40	45	48	50	53	56	54	43.5
	MIN	31	32	32	31	32	33	34	31	40	45	40	43	38	36	38	42	41	42	43	47	48	43	42	40	39	39	42	46	48	51	53	40.1
8 INCHES	MAX	34	34	34	33	36	36	37	39	42	44	44	43	42	39	42	43	44	44	46	47	49	48	44	43	41	42	45	48	50	52	53	42.5
	MIN	32	32	33	32	33	35	34	31	39	42	41	42	38	34	39	42	42	42	43	46	47	44	43	41	40	37	42	45	47	50	52	40.1
20 INCHES	7 PM	40	39	40	38	38	39	39	40	40	41	42	42	42	42	42	42	42	43	43	44	46	45	45	44	43	42	43	44	55	47	49	42.6
40 INCHES	7 PM	36	35	36	35	35	36	37	38	39	41	42	41	41	40	41	42	42	42	43	43	44	45	44	44	44	44	43	44	54	45	46	41.4
MAYFIELD RADIO WNGO																																	
4 INCHES	MAX	35	-	42	35	43	43	42	41	41	41	40	40	44	47	45	50	47	51	53	52	51	49	49	47	46	47	52	50	59	62	62	46.9
	MIN	34	-	35	34	35	40	40	39	40	38	36	36	40	41	44	45	46	47	51	51	49	47	47	42	41	44	44	45	54	54	58	43.2
20 INCHES	5 PM	39	41	40	-	39	40	40	40	40	41	39	39	43	43	43	44	45	45	47	49	48	44	45	45	44	46	45	47	49	52	55	43.8

CONTINUED

DAILY SOIL TEMPERATURES

Station			Day Of Month																														Total or Avg.
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PRINCETON 1 SE																																		
4	INCHES	MAX	34	36	36	35	37	38	41	42	44	44	44	43	41	41	41	48	49	50	50	50	50	45	45	38	36	45	50	52	58	60	61	44.6
		MIN	33	32	34	33	34	37	36	39	42	44	43	38	37	36	40	41	43	46	48	50	45	40	38	36	36	35	43	48	52	55	57	41.0
20	INCHES	5 PM	38	38	38	38	38	39	40	40	42	43	44	43	43	42	42	43	44	45	46	47	48	46	45	44	42	42	44	45	47	49	51	43.1
QUICKSAND																																		
4	INCHES	MAX	31	31	32	35	36	37	42	43	50	50	50	50	50	46	46	46	52	53	54	56	51	56	54	50	49	52	55	56	58	64	64	48.4
		MIN	31	31	30	32	32	36	34	35	42	40	42	44	42	36	39	45	44	43	44	48	42	50	50	38	38	41	43	48	49	54	55	41.2
20	INCHES	4 PM	34	34	34	34	34	35	35	37	44	44	45	43	44	42	42	43	43	44	45	46	47	48	46	44	44	45	45	47	47	50	51	42.5
SANDY HOOK 5 NE																																		
4	INCHES	MAX	36	37	38	37	41	38	44	47	50	49	50	48	49	48	45	46	53	54	54	56	55	55	48	46	50	53	56	55	58	63	60	49.0
		MIN	33	35	35	35	35	35	35	32	36	49	45	44	41	38	40	45	43	44	45	49	53	48	42	38	40	43	47	50	51	54	56	42.5
20	INCHES	6 PM	37	37	37	37	37	37	38	38	39	41	42	42	43	42	42	43	43	44	44	45	47	48	47	45	45	45	46	47	47	44	50	42.5
SOMERSET 2 N																																		
1	INCH	MAX	38	42	39	40	42	42	46	45	49	50	50	47	48	47	47	48	53	55	54	57	56	53	43	43	51	53	57	56	59	64	63	49.6
		MIN	33	32	33	32	32	37	34	36	42	47	45	45	40	36	39	45	41	41	45	49	53	43	40	39	37	40	43	48	50	52	55	41.4
4	INCHES	MAX	37	40	41	39	39	39	43	44	46	48	49	48	48	47	45	46	50	52	55	54	57	53	45	42	48	50	53	56	57	61	62	48.2
		MIN	33	33	35	33	34	39	35	38	42	46	47	46	42	38	42	45	43	43	46	50	53	45	42	40	39	42	45	49	51	53	56	42.7
20	INCHES	6 PM	38	38	39	39	39	40	40	41	42	44	45	45	45	45	44	45	45	46	47	47	48	48	47	46	45	46	47	48	49	50	51	44.5
WILLIAMSTOWN 3 NW																																		
4	INCHES	MAX	35	35	35	35	35	35	37	39	43	44	43	43	41	40	40	43	46	47	48	49	49	49	44	42	40	45	49	51	54	56	56	43.5
		MIN	-	-	-	-	-	-	35	35	39	39	42	40	39	38	39	40	40	44	45	48	49	44	42	40	40	40	45	45	45	52	55	42.4
20	INCHES	6 PM	37	37	37	37	37	37	37	37	38	39	40	40	40	40	40	40	40	41	42	43	44	44	44	43	42	42	43	44	45	46	47	40.7

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN S.J. PREP SCHOOL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

OBSERVATIONAL TIME FOR SOIL TEMPERATURES SAME AS LATE AFTERNOON AIR TEMPERATURE TIME.

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
AUDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN S J PREP SCH	0397	02	NELSON	8	37 48	85 28	631	5P	5P		GH	ST. JOSEPH PREP. SCHOOL
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 20	390				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE	1256	02	TAYLOR	3	37 20	85 21	771	6P	6P		GH	ALVA MC KINLEY
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	450		6P			JOE RAY ALLEN
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		PHILLIP O. THACKER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			KENTUCKY UTILITIES
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			WILLIAM F. BRAMBLETT
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	650	6P	6P		GH	WAYDE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD	4703	02	GRAYSON	3	37 29	86 18	642	6P	8A			CLYDE STIKELEATHER
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.+E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD C. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	RICHARD T. SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG 2 N	5430	03	NICHOLAS	5	38 19	84 09	810				C	BLUE STAR NURSERY
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. MAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	116	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	578		7A		C	JOE M. SLAYDEN
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL 2 WNW	6013	04	CARTER	7	38 19	83 12	895				C	GEORGE E. DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		M	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		7A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	WM C JARRELLS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TATHAM SPRINGS	7924	02	WASHINGTON	8	37 52	85 09	670				C	CHARLIE S. KAYS
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1630		8A			MRS. KATHLEEN H. PETERS
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 2 SSE	8482	04	FLOYD	1	37 25	82 48	920				C	LARRY L. BRADLEY
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index. No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-4/30/68-840

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C R SMITH, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
APRIL 1968
Volume 63 No. 4

CLIMATOLOGICAL DATA

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JUN 13 1968
UNIVERSITY OF ILLINOIS

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.											
										90° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	70.5	46.8	58.7		83	30+	33	6	198	0	0	0	0	6.05		2.53	4	.0	0		9	3	2
BEAVER DAM	71.1	46.1	58.6		82	20	32	25+	204	0	0	2	0	3.82		1.21	4	.0	0		7	2	2
FORDS FERRY DAM 50	68.3	47.5	57.9		82	20	37	5	218	0	0	0	0	5.49	1.41	2.31	4	.0	0		8	4	1
GILBERTSVILLE 1 SE	71.7M	48.3M	60.0M		84	18	35	25	173	0	0	0	0	3.95		1.24	4	.0	0		8	3	2
GOLDEN POND 8 N	69.0	48.1	58.6		82	22+	37	25	201	0	0	0	0	5.33		1.49	4	.0	0		6	5	2
GREENVILLE 2 W	69.5	46.6	58.1	.7	81	20	32	25	219	0	0	1	0	4.61	.39	1.56	4	.0	0		10	3	1
HENDERSON 7 SSW	68.5	47.7	58.1	.9	80	20	36	5	213	0	0	0	0	4.01	-.48	1.86	4	.0	0		7	2	1
HICKMAN 1 E	71.7	47.6	59.7		83	30	30	6	168	0	0	1	0	4.35		1.03	4	.0	0		8	4	1
HOPKINSVILLE	69.3	44.4	56.9	-.9	84	19	34	25	244	0	0	0	0	4.98	.90	1.93	4	.0	0		9	3	1
LOVELACEVILLE	70.3	46.5	58.4	-.1	82	30+	32	25	208	0	0	1	0	6.22	1.86	2.50	4	.0	0		10	3	2
MADISONVILLE 1 SE	70.8	46.7	58.8		81	20	34	7	197	0	0	0	0	5.32		1.40	4	.0	0		9	4	2
MAYFIELD RADIO WNGO	73.1	46.7M	59.9M		88	18	31	25	169	0	0	1	0	4.51		1.20	17	.0	0		9	3	2
MURRAY	68.3	48.6	58.5	-.4	83	19	38	25+	202	0	0	0	0	4.86	.74	1.36	4	.0	0		9	3	1
OWENSBORO 2 W	69.6	47.3	58.5	1.6	80	20+	35	25	206	0	0	0	0	5.52	1.50	1.68	4+	.0	0		7	4	2
PADUCAH FAA AIRPORT	68.5	47.3	57.9		82	30	38	15+	215	0	0	0	0	5.26		2.38	3	.0	0		8	3	2
PADUCAH	71.1	47.8	59.5		81	30+	35	25	175	0	0	0	0	4.48	.22	1.92	4	.0	0		8	2	2
PRINCETON 1 SE	70.3	47.9	59.1	1.1	82	18	33	25	191	0	0	0	0	4.02	-.06	1.17	4	.0	0		10	3	1
ROCHESTER LOCK 3	68.4	45.5	57.0		80	21+	36	25	239	0	0	0	0	4.92		1.83	4	.0	0		9	4	1
RUSSELLVILLE	68.6	45.8	57.2	-.3	81	19	33	25	235	0	0	0	0	9.02	4.98	5.20	4	.0	0		10	5	2
DIVISION			58.5	.6										5.09	.96			.0					
* * *																							
CENTRAL 02																							
ANCHORAGE	68.4	44.8	56.6	2.0	81	20	34	16+	252	0	0	0	0	4.03	.05	2.20	4	.0	0		6	2	1
BARDSTOWN S J PREP SCH	71.2	45.9	58.6		80	23+	33	25+	204	0	0	0	0	4.27		2.17	4	.0	0		6	3	1
BARREN RIVER RESERVOIR	69.7	44.9	57.3		83	19	33	25	232	0	0	0	0	7.39		2.60	5	.0	0		10	3	2
BOWLING GREEN FAA AP	69.1	45.4	57.3	-.8	82	18	33	7	240	0	0	0	0	6.89	2.83	4.61	4	.0	0		8	2	1
BRADFORDSVILLE	69.2	43.4	56.3		80	24+	28	25	268	0	0	5	0	6.58		1.91	4	.0	0		8	4	3
CAMPBELLSVILLE	70.4	46.7	58.6		80	18	35	16+	202	0	0	0	0	6.78		3.63	4	.0	0		10	3	1
CECILIA	69.8	44.7M	57.3M	1.7	80	20+	31	11+	235	0	0	3	0	4.72	.50	2.01	4	.0	0		8	3	2
CLERMONT 1 SSE	71.3	44.1	57.7		82	21+	30	11	224	0	0	2	0	4.59		2.31	4	.0	0		5	3	1
GLASGOW WKAY	70.8	46.6	58.7		81	20+	33	25	204	0	0	0	0	7.33		4.32	4	.0	0		9	3	2
GREENSBURG	70.8	42.2	56.5	-.1	84	20	33	8+	257	0	0	0	0	6.66	2.79	2.45	5	.0	0		10	3	2
HODGENVILLE-LINCOLN NP	71.7	45.2	58.5		81	21+	33	25	205	0	0	0	0	5.93		2.57	4	.0	0		9	2	1
IRVINGTON	68.8	45.4	57.1	.3	80	20	34	12+	240	0	0	0	0	4.60	.69	1.67	4	.0	0				
LEITCHFIELD	69.1	47.2	58.2	1.1	80	23+	35	25+	216	0	0	0	0	4.50	.32	1.38	4	.0	0		10	3	1
LOUISVILLE	71.7	49.5	60.6		85	20	37	7+	161	0	0	0	0	4.72		1.90	4	.0	0		9	3	2
LOUISVILLE WB AP R	67.4	46.1	56.8	2.0	81	20	36	7	247	0	0	0	0	3.94	.12	2.14	4	.0	0		7	2	1
MAMMOTH CAVE PARK	70.5	44.1	57.3		80	23+	30	25	228	0	0	3	0	6.80		3.55	4	.0	0		8	4	1
NOLIN RIVER RESERVOIR	68.5	49.0	58.8		83	19	36	11	209	0	0	0	0	5.41		2.45	5	.0	0		8	4	1
ROUGH RIVER DAM	69.2	43.9	56.6		83	19	34	25+	255	0	0	0	0	4.08		1.75	4	.0	0		8	2	1
SCOTTSVILLE 3 SSW	70.7	49.0	59.9		80	18	37	25	168	0	0	0	0	8.41		3.87	4	.0	0		10	4	2
SUMMER SHADE	69.9	46.3	58.1		81	18	31	25	219	0	0	1	0	6.53		2.53	4	.0	0		10	3	2
WOLF CREEK DAM	70.5	42.0	56.3		83	19	30	25	260	0	0	4	0	5.84		.82	15	.0	0		12	6	0
DIVISION			57.8	1.1										5.71	1.68			.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	70.2	46.2	58.2	1.2	79	20	35	11	207	0	0	0	0	5.36	1.28	3.10	4	.0	0		8	1	1
CARROLLTON LOCK 1	69.7	44.6	57.2		81	21+	31	11+	237	0	0	2	0	3.91	.33	1.35	4	.0	0		7	3	1
COVINGTON WB AIRPORT R	66.2	44.8	55.5	3.3	81	20	33	11	284	0	0	0	0	3.47	.25	.91	4	.0	0		6	3	0
CYNTHIANA 2	67.3	40.9	54.1		80	19	28	11	323	0	0	4	0	5.26		1.26	5	.0	0		12	4	2
DANVILLE	67.8M	42.8M	55.3M		80	24+	32	2	292	0	0	1	0	6.57	2.59	1.68	5	.0	0		10	6	2
DIX DAM	69.3M	44.5M	56.9M		80	21	33	16+	241	0	0	0	0	4.28		1.02	5	.0	0		8	5	1
FALMOUTH 5 WNW	68.4	39.2	53.8		81	20	25	11+	333	0	0	6	0	5.68	1.74	1.17	4	.0	0		11	5	1
FARMERS 1 WNW	70.0	43.2	56.6	1.2	81	20	31	16	251	0	0	4	0	4.34	.47	1.35	5	.0	0		7	4	1
FLEMINGSBURG 1 SW	67.6	43.2	55.4		79	20	31	16+	285	0	0	3	0	3.64		1.49	4	.0	0		7	2	1
FRANKFORT LOCK 4	67.6	40.5	54.1	-.7	81	21+	32	12+	320	0	0	2	0	3.67	-.35	1.16	4	.0	0		6	3	1
LEXINGTON WB AIRPORT R	65.8	44.3	55.1	.7	79	20	33	11	298	0	0	0	0	3.23	-.81	1.89	4	.0	0		4	2	1
MAYSVILLE SEWAGE PLANT	66.3	43.9M	55.1M	1.1	78	23+	34	12	293	0	0	0	0	4.96	1.18	1.25	5	.0	0		8	5	1
MOUNT STERLING	69.6	45.1	57.4		80	20	34	16+	232	0	0	0	0	3.77	-.37	1.00	4	.0	0		7	3	1
OWENTON 2 S	69.4	41.1	55.3		81	20	26	11	291	0	0	7	0	5.45		1.83	4	.0	0		9	4	1
RICHMOND	67.1	44.7	55.9		80	21	33	25+	273	0	0	0	0	5.80		1.95	5	.0	0		10	4	1
SHELBYVILLE	66.0	42.7	54.4	-.6	79	24+	34	6	317	0	0	0	0	4.92	.73	1.89	4	.0	0		6	3	2
WARSAW MARKLAND DAM	66.7	40.1	53.4	-.6	80	21	30	12+	343	0	0	3	0	2.95	-.93	.72	1	.0	0		6	3	0
WAYNESBURG 7 NE	68.2	45.5	56.9		79	23	34	25	246	0	0	0	0	6.95		2.15	5	.0	0		10	6	2
WILLIAMSTOWN 3 NW	66.6	45.2	55.9	1.1	79	20	33	1	269	0	0	0	0	4.24	.24	1.82	4	.0	0		8	2	1
DIVISION			55.6	.1										4.66	.76			.0					
* * *																							
EASTERN 04																							
ASHLAND	69.2	39.6	54.4	-1.9	80	21+	30	2	310	0	0	5	0	3.43	.04	1.00	24	.0	0		6	3	1
BARBOURVILLE	70.8	41.3	56.1		85	21	30	2	273	0	0	4	0	6.33		1.07	24+	.0	0		12	6	2
BAXTER	69.3	40.4	54.9		83	21+	28	3+	300	0	0	9	0	5.91		1.42	24	.0	0		11	6	1
BLAINE 2 W	69.4M	36.0	52.7M		83	22	24	3	359	0	0	12	0	4.00		2.25	5	.0	0		5	3	1
CUMBERLAND	70.0M	40.5M	55.3M				26	16	287	0	0	5	0	4.71		.92	29	.0	0		10	2	0

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 40

CLIMATOLOGICAL DATA

CONTINUED

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	71.6	39.7	55.7		86	21	28	3+	274	0	0	6	0	3.71		1.15	5	.0	0		7	2	1
GRAYSON 3 SE	68.0	39.1	53.6		82	21	27	2	338	0	0	7	0	3.69		1.09	5	.0	0		8	3	1
HEIDELBERG LOCK 14 R	72.6	42.0M	57.3M		82	21+	28	2	237	0	0	7	0	3.56	- .11	.98	5	.0	0		9	1	0
HINDMAN 11 NNE	70.6	39.8	55.2		88	21	28	3+	294	0	0	9	0	4.97		.98	5	.0	0		12	3	0
HYDEN	70.8M	40.3M	55.6M		86	22	28	26	278	0	0	7	0	4.73		.89	5	.0	0		10	4	0
JACKSON	69.9	39.9	54.9		84	21	27	2	298	0	0	6	0	4.75		1.25	5	.0	0		10	3	1
LONDON FAA AP	68.2	42.8	55.5		83	20	31	16	289	0	0	4	0	4.98		1.11	4	.0	0		9	5	1
MANCHESTER 4 SE	71.7	42.8	57.3		84	20	27	12	230	0	0	7	0	5.97		1.27	5	.0	0		11	4	1
MC KEE	68.0	37.5	52.8		81	21	26	2	362	0	0	8	0	4.77		.86	5	.0	0		10	5	0
MIDDLESBORO	68.9	41.4	55.2		82	21+	31	26+	294	0	0	7	0	5.02		1.06	30	.0	0		11	5	1
MONTICELLO	71.5	45.3	58.4		82	18	30	25	209	0	0	2	0	5.15		.72	1	.0	0		12	4	0
MOUNT VERNON	70.5	43.6	57.1		80	20	31	16	246	0	0	2	0	4.87		1.70	5	.0	0		9	4	1
PIKEVILLE	74.4	44.5	59.5		89	20	30	2	172	0	0	3	0	3.38	- .27	.83	29	.0	0		7	2	0
SOMERSET 2 N	70.5	42.9	56.7		80	23+	28	16+	250	0	0	6	0	4.93		1.52	4	.0	0		9	4	2
STEARNS	69.6	45.5	57.6		83	20	33	25	238	0	0	0	0	5.31		.81	1	.0	0		9	6	0
TOMAHAWK 1 WSW	69.9	38.4	54.2		86	21	26	2	318	0	0	9	0	5.23		1.26	5	.0	0		8	3	3
VANCEBURG	68.1	37.1	52.6		78	23+	23	7	366	0	0	8	0	.51	- 3.18	.30	23	.0	0		1	0	0
WEST LIBERTY																							
WILLIAMSBURG 1 E	72.3	45.3	58.8	1.3	83	20	31	16+	198	0	0	2	0	5.12	1.18	1.02	1	.0	0		11	5	1
DIVISION			55.7	- 1.0										4.57	.82			.0					

SPECIAL WEATHER SUMMARY

April 1968 will be long remembered for the storms of the 3d, 4th, and the 23d, and for lesser storms on the 12th and 14th. There were high winds and at least one tornado in the west on the night of the 3d. A tornado cut a path from central Calloway County to the northern portion of Christian County. Two persons were killed, and at least 30 were injured. There was extensive damage. High winds were responsible for injuries to additional persons, a total of at least 5, in Christian, Madison, and Todd Counties.

Rainfall was heavy Statewide on the 3d and 4th, and heaviest in the south-central section. Flash floods were severe in Todd and Logan Counties. There were no reported injuries but there was extensive damage to houses and buildings in Russellville and Guthrie. The Lower Ohio River and the Green and Barren Rivers rose to above flood stage. The United States Department of the Interior Geological Survey reported that, "The monthly mean discharge at the index station Green River at Munfordville was the highest on record for April." In eastern Kentucky several tributaries of the Ohio River rose to levels near or just above bankfull. In the north-central section, at least one tributary of the Ohio rose to above flood stage. There were no reported injuries, and there was little reported damage.

In the west on the night of the 12th two persons were injured when their trailer-home was destroyed by high wind. There were numerous thunderstorms on the 14th. There was one injury in Hardin County due to high wind and damage (wind or hail or lightning) was reported at scattered locations.

On the afternoon of the 23d there were at least three tornadoes in the northern Blue Grass and in the northeast and one in the central Blue Grass. There were five fatalities and several hundred injuries. Property damage totaled millions of dollars, the greatest damage being at Falmouth and Dover and along tornado paths between these communities, in the counties of Pendleton, Bracken, and Mason. There was also tornado damage in Greenup County, and in Jessamine County. It is estimated that at least 700 homes were damaged or demolished and that more than a thousand persons were made homeless. Several hundred barns and other farm buildings were damaged or demolished. On the 23d, also, there was large hail and hail damage at scattered locations over the eastern half of the Commonwealth. There were at least two injuries attributed to hail. In one or more areas there was damage to fruit trees, buildings, cars, and tobacco plant beds.

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** These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details see the accompanying tables; this month's issue of STORM DATA; the April 1968 issue of CLIMATOLOGICAL DATA NATIONAL SUMMARY (river and flood conditions).

DAILY PRECIPITATION

KENTUCKY
APRIL 1968

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	6.05		.21	.30	2.53			T	T					.09	.33			1.47		.54	.01	T	.19	.22			T	.16				
BEAVER DAM	3.82			.48	1.21				.02						1.06			.48	.22	T				.25				.10				
CALHOUN LOCK 2	6.02	.73		.12	2.32	.03			.03						.08	.37		.12	1.92		.12		.01	.17				T				
COBB	4.62	.93		.46	1.03	.12			.17						.15	.38		.50	.42		T	T		.36				.10				
DAWSON SPRINGS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNDEE 4 ESE	4.64	.75		.16	1.85	.12									.20	.62		.25	.40		.06			.23								
DUNMOR	4.59	.55		.16	1.70	.47			.48	.04						.46		.31	.35		.02		.05									
ELKTON 2 S	7.02	.88		.28	3.72	.59			.42	.02					T	.48		.12	.25		.04		.02	T				.15	.05			
FORDS FERRY DAM 50	5.49	.57		.20	2.31				T						.08	.25		.52	.38		.44		T	.74				T				
FRANKLIN 1 E	8.04	.48		.38	2.83	2.11			1.21	.16					.09	.19		.05	.08		.01		T	.10				.27	.03	.04	.01	
GILBERTSVILLE 1 SE	3.95	.11	.06	.64	1.24			.01	T	T					.30		T	1.06	.06	.15			.15	.11		T		.08	T			
GOLDEN POND 8 N	5.33	.75		.71	1.49				.05						.35			1.22	.07		.08			.52				.09				
GREENVILLE 2 W	4.61	.31	.35	.46	1.56				.19					T	.57			.61	.26	.04				.16				.10				
HARTFORD 6 NW	5.11	1.13		.13	1.79	.09			T					.07	.17	.37		.05	1.11	T	.09			.11								
HENDERSON 7 SSW	4.01		.14	.28	1.86			.01						.03	.35			.47	.58	.06	.02			.21								
HICKMAN 1 E	4.35	T	.30	.25	1.03			.05	T					.07	.40			.95		.55	T		.50	.08				.17				
HOPKINSVILLE	4.98	.74		.40	1.93	.57			.20						.06	.31		.29	.26		.06		.01	.05				.10				
LOVELACEVILLE	6.22		.19	.35	2.50									.23	.76			1.18		.48			.18	.20				.15				
MADISONVILLE 1 SE	5.32	.95		.30	1.40										.29	.29		.50	1.10		.19			.06				.24				
MAYFIELD RADIO WNGO	4.51	.03	.15	.53	1.10	.03		T	.02					.20	.34	.04		1.20		.49			.20	.13	T	T		.05				
MURRAY	4.86	.30		.69	1.36				.02						.20	.47		.80			.27		.03	.49				.23		T		
OWENSBORO 2 W	5.52	1.68		.07	1.68				.05						.05	.60		.39	.60		.10			.30								
OWENSBORO DAM 46	5.99	2.05		.05	1.77				.03						.04	.71		.22	.62	.10	.08			.32								
PADUCAH FAA AIRPORT	5.26		.20	2.38	.15			T						.25	.14		T	1.23		.60		.03	.05	.04			.04	.15				
PADUCAH	4.48		T	.33	1.92			T						.19	.18			1.15		.28	T			.28				.15				
PARADISE STEAM PLANT R	5.20	.70		.10	1.46	.14			.20						.20	1.12		.35	.43					.40				.10				
PRINCETON 1 SE	4.02	.12	.15	.60	1.17			.02	.11					.05	.44			.92		.12	.01			.21				.10				
ROCHESTER LOCK 3	4.92	.70		.11	1.83	.28			.38						.13	.56		.21	.53		.03			.07				.09				
RUSSELLVILLE	9.02	.66	T	.51	5.20	1.15			.56						.11	.25		.16	.22				.03					.17				
SEBREE	6.22			.39	1.80										T	.52		.76	2.25		T			.50								
UNIONTOWN DAM 49 //	5.54	.42		.29	2.12				.05						.04	.21		.38	1.50		.21			.32								
• • • CENTRAL 02																																
ADDISON DAM 45 //	5.71	1.54		.10	2.18	T			.04						.21	.75		T	.51	T	.10			.28								
ALBANY 4 N	5.80	.85		.52	.20	.67			.45	.10					.19	1.27			.18						.14			.35	.26	.37	.25	
ANCHORAGE	4.03	.01			2.20	T	T		.03		T				.80			.15			.27			.31				.26				
BARDSTOWN 5 J PREP SCH	4.27	.53	.01	.33	2.17	T	T		.11	T					.22	.72		.04	T					.04			.02	.08				
BARREN RIVER RESERVOIR	7.39	.44		.38	1.89	2.60			.74	.19					.02	.37			.21					.09	.01			.17	.08	.17	.03	
BOWLING GREEN	5.18	.45		.25	2.75				.85	.10					.08	.35		T	.23		T		T		T			.12				
BOWLING GREEN FAA AP	6.89		.24	.44	4.61				.54					.06	.29			.16	T	T		T	.01	.39			T	.12	T	.03		
BRADFORDSVILLE	6.58	.04			1.91	1.13			.40						.30	.41		.07	1.24						.91			.13		.04		
BROWNSVILLE	6.69	.68		.26	2.02	1.80			.45	.03					.08	.81		.03	.32		.03		.03	.01	.05			.09	T	T		
BURKESVILLE 2 W	6.69	.70		.55	.62	.50			.43	.10					.09	.91			.22					.15	.50			1.07	.43	.31	.11	
CAMPBELLSVILLE	6.78	.34	T	.60	3.63			T	.57						.23	.47		.10	.32	T	.05		.02	.28				.13		.04		
CANEYVILLE	5.61	.73		.16	1.93	.32			.21						.26	.47		.19	.26		.10			.83				.15				
CECILIA	4.72	.55	.01	.42	2.01				.10		T				1.07			.14	.30	T				.12			T	T				
CLERMONT 1 SSE	4.59	.71	T	.36	2.31			T				T			.29	.66		.07			.05				.09			.05				
EDMONTON	7.35	.62		.40	1.78	2.10			.94	.15					.10	.55			.30						.21					.20		
GAMALIEL 1 S	4.48	.60		.53	.32	.62			.52	.07					.05	.62			.02	T	T			.12	.02			.53	.05	.31	.10	
GLASGOW	7.73	.52		.38	2.80	2.08			.96	.04					.03	.20			.22					.04				.29		.17		
GLASGOW WKAY	7.33	.17	.02	.85	4.32				1.04					T	.29			.18	.01	T	T		T	.12				.21		.12		
GLENDALE 1 E	5.52	.68		.14	1.70	.76			.10	T					.14	.60			.48		.02			.70	.20				T			
GREENSBURG	6.66	.64		.28	1.58	2.45			.35	.13					.09	.39			.34		.02		T		.27			.11	.01	T		
GREENSBURG HIWAY 61	7.12	.61		.27	1.75	2.57			.41	.10					.11	.47			.29		.03			.02	.32			.14		.03		
HODGENVILLE-LINCOLN NP	5.93	.47	T	.26	2.57				.39						.06	.97		.28	.33			.02		.46	T			.12				
IRVINGTON	4.60	.73	T	.40	1.67	T		T			T				*	1.07		.39	.11	T	.20			.03				T				
LEITCHFIELD	4.50	.71		.12	1.38	.40			.19	T					.27	.32			.30		.08		.01	.61				.11				
LIBERTY	6.79	.70		.35	.23	3.44			.16	.45					.08	.50			.39		.04				.23				.19		.03	
LOUISVILLE	4.72	1.16		.27	1.90	T		.02							.12	.71		.17			.14			.13				.10				
LOUISVILLE WB AP R	3.94		.12	.19	2.14	T		.02	T		T			T	.89			.17		.04	.26			.11			T	T				
LOUISVILLE UPPER GAGE	4.38	.87		.10	1.75	.06			T						.22	.70			.15		.20			.12	.05			.16				
MAMMOTH CAVE PARK	6.80	.42		.70	3.55	.06			.53					.05		.78		.25	.14	T	T			.03	.15			.09		.05		
MILLERSTOWN	4.67	.45		.16	1.76	.66			.32						.07	.75			.23				.05	.07		.05		.10	T			
MUNFORDVILLE	6.29	.81		.32	1.86	1.38			.50	.07					T	.65			.28		.03		T	T	.28			.11		T		
NOLIN RIVER RESERVOIR	5.41	.70		.16		2.45				.70				.13	.85		T		.30		T		T					.12		T		
ROUGH RIVER DAM	4.08	.65		.15	1.75	.13			T						.26	.43		.05	.27	T	.04		.05	.25	T			.05				
SCOTTSVILLE 3 SSW	8.41		.24	.61	3.87				1.77						.37			.18	.14					.67				.45		.11		
SCOTTSVILLE 2 SW	6.85	.40		.30	1.75	2.65			.55	T						.40			.05					.03	.32			.35		.05	T	
SHEPHERDSVILLE	4.09	.32		.15	2.11		T					T			T	1.27			.12		.10			.02				T				
SUMMER SHADE	6.53	.38	.14	.52	2.53				1.53						.25	.03		.22	.02					.42				.33		.16		
WOLF CREEK DAM	5.84	.57		.48	.72	.56			.55	.04					.09	.82			.27		T			.36	.41			.55	.02	.24	.16	
WOODBURY LOCK 4	5.58	.72		.13	1.80	.56			.46	.03					.15	1.26		.07	.28		.03			T				.09				
• • • BLUE GRASS 03																																
BEREA COLLEGE	5.36	.30		.15	3.10	.01			.43						.03	.40		.19	.47		T			T		T		.26	T	.02		
BEREA	6.48	1.01		.10	.65	2.61			.27	.15		T			.02	.40			.61		.03				.36			.10	.16	.01	T	
CARROLLTON LOCK 1	3.91	.68		.02	1.35	T						T			.02	.43			.20		.75			.30	.15			.01				
COVINGTON WB AIRPORT R	3.47		T	.05	.91			T	T		T			T	.86			.19		T	.47			.89	T		.10					
CYNTHIANA	5.47	1.06		.07	.72	1.61	T		T	.01					.13	.82			.05		.14	.09		.12	.51			.14				
CYNTHIANA 2	5.26	1.02		.06	.83	1.26	.10		.10						.10	.75			.05		.23	.10		.13	.40			.13				
DANVILLE	6.57	.70		.05	.72	1.68			.24	.13					.18	.52			1.09		.03			T	.98			.16	.09			
DIX DAM	4.28	.54		.15	.88	1.02			.27						.04	.55			.06		T				.56			.21	T		T	
FALMOUTH 5 WNW	5.68	.89		.05	1.17	.89			T			T			.14	.57			.11		.27	.15		.16	.96			.32				
FARMERS 1 WNW	4.34	.76		.05	.20	1.35			.07	.24					T	.64			.03		.04			T	.61			.35	T	T		
FLEMINGSBURG	3.70	.58		.05	.48	1.14				.04		T			.24	.58			.05		.09	.07			.23			.15				
FLEMINGSBURG 1 SW	3.64	.41		.05	1.49	T		T	.03		T				.26	.94		.04			.15			.13			T	.14				
FORD LOCK 10	4.47	.60		.05	.35	1.46			T	.20		.02			T	.81			.06						.75			.12	.05	T	T	
FRANKFORT LOCK 4	3.67			.07	1.16	.93			.02	T					.35	.56			.04		.23			.05	.03			.23				
GEORGETOWN WATER WORKS	4.48	.80		.08	1.24	1.14				.04					T	.67					.20			.08	.17			.06				
GEST LOCK 3	5.39	1.35		T	1.48	.66	T		T						.17	.55			.07		.42	T		.41	T			.28				
HIGH BRIDGE LOCK 7	4.70	.60		.14	.65	1.33			.12	.15		T			.05	.63			.05		.02			.33	.34			.26		.03		
KEENE 1 SSW	3.90	.16		.11	*	2.00			.32							.54			.11					.22	.44				T		T	
LA GRANGE 1 ESE	4.96	1.34	T	.19	1.27	T	.24	T	T		T				.82	.04		.09			.25			.56			.15	.01				
LANCASTER	6.68	.79		.17	.79	2.60			.36	.11						.46			.84						.30					.26		
LEXINGTON WB AIRPORT R	3.23	T	T	.09	1.89			T	.22		.01			T	.68			.05	T	.01	.04			.14			.04	.06		T		
LITTLE HICKMAN LOCK 8	4.95	.64		.10	.60	1.70			.22	.13					.12	.50			.08						.55			.27	.04			
LOCKPORT LOCK 2	5.87	2.02		.02	1.60	.39			.08						.39	.60			.08	T	.31			.18	.06			.14				
MAYSVILLE SEWAGE PLANT	4.96	.90		.01	.65	1.25						T				.75			.12		.25			.06	.75			.22				
MIDWAY	4.15	.70		.09	.91	1.35			.03						.07	.74			T		.07			T	.19							
MOUNT STERLING	3.77	.43	T	.25	1.00				.24		.09			.02	.83			.04			.07			.67				.13		T		
OWENTON 2 S	5.45	.71		.15	1.83			.01	.03		T				.37	.80		.11			.30			.65				.49				
RICHMOND	5.80	.72		.10	.80	1.95			.35	.04					.11	.43			.07		.01			.02	.83			.24	.11	.02		
SALVISA LOCK 6	4.11	.50		.12	.65	1.39	.04		T	.28					.11	.52			.05		.03			.11	.21			.10	T			
SHELBYVILLE	4.92	1.05		.06	1.89	.34			.04						.31	.67			.09		.38			.08				.01				
SPRINGFIELD	5.48	.47		.11	1.40	.97			.21	T						.57			.37					.52	.63			T	.23			
TAYLORSVILLE	4.70	.70		.18	1.93	.81			.03			T			.22	.63			.10		.08			.02			T					
TYRONE LOCK 5	4.57	.80	T	.11	.92	1.43	T		.01	.07		.01			.09	.72	T		.11		.04			.05	.19			.02				
VALLEY VIEW LOCK 9	5.24	.65		.11	.60	1.52			.29	.08		.02			.09	.52			.10		T		.42	.59				.25				
WARSAW MARKLAND DAM	2.95	.72		.04	.03										.09	.64			.22	T	.52	T		.32	.28			.09				

See Reference Notes Following Station Index

DAILY PRECIPITATION

Continued

KENTUCKY
APRIL 1968

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	20	21	22	23	24	25	26	27	28	28	30	31
WAYNESBURG 7 NE	6.95	.88	T	.29	.83	2.15			.66	.14					.08	.51			1.07	T					.07			.15	.12			
WILLIAMSTOWN 3 NW	4.24	.33		.11	1.82	T		.01	.02		T				.79	.07		.14			.42			.36			.05	.11	.01			
* * *																																
EASTERN 04																																
ASHLAND	3.43	.62		.02	.05	.76				.32		T			T	.30					.09	.02			1.00			.25				
BARBOURVILLE	6.33	1.07		.35	T	.63			T	.53					.10	.48			.57						1.07			.16	.43	.27	.67	
BAXTER	5.91	.76		.36		.57			T	.53		T				.51			.32	T	T		T	T	1.42			.19	.29	.16	.80	
BLAINE 2 W	4.00	.60				2.25										.65									.20				.30			
BUCKHORN	6.14	.97		.30	.02	1.45	T		.10	.60					T	.50			.24					T	.43			.07	.56	.43	.47	
BURDINE 2 NE	3.83	1.10		.30		.36				.30		.05				.30									.12			.20		.40	.70	
CLAY CITY 1 WNW	5.23	.68		.10	.32	2.10			.27						.14	.63			T		.02				.67			.30				
COLLEGE HILL LOCK 11	5.65	.76		.13	.36	2.36			.25	.18					T	.45			.09						.76			.17	.14	T		
CUMBERLAND	4.71	.46		T	.49	.03				.56					T	.48	.02	.14	.25					.40	.49			.47		.92		
CUMBERLAND FALLS ST PK	4.15		T	.30	.46	.02			.47						.57				.13	T	.02			.77	.01			.40		1.00		
DEWEY DAM	3.71	.96		.06	.05	1.15				.25		.05				.41			T						.10			.06	.42	T	.20	
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FOURMILE KY UTIL PARK	5.57	.79		.36	.03	.53			.05	.49					.13	.54			.37						.63			.34	.23	.39	.69	
FREEBURN 2 SW	4.11	.92		.22	.21	.41				.35			.02			.24									.29				.65	.02	.78	
FRENCHBURG	5.47	1.11		.07	.48	2.12			.39							.60									.40			.30				
GRAYSON 3 SE	3.69	.63		.02	.13	1.09			.22	.09					.11	.49			.04		.03		.04		.67			.13			T	
HAZARD WATER WORKS	5.00	.68		.24		.74				.34					.05	.58			.15						.55			.22	.69	.05	.71	
HEIDELBERG LOCK 14 R	3.56	.48		.13	.42	.98			.13	.37					T	.49			.11						T			.09	.36	T	T	
HINDMAN 11 NNE	4.97	.70		.28	.16	.98				.35		.04				.32				.15					.31			.14	.85	.26	.43	
HYDEN	4.73	.70		.24	.03	.89			.03	.30					.09	.40			.25						.42			.27	.55	.04	.52	
JACKSON	4.75	.85		.14	.43	1.25			T	.45		T			T	.71	T		T		T			T	.16			.19	.45	T	.12	
JEREMIAH	1.24	.61		.06		.12										.09												.06		.30		
LLOYD GREENUP DAM	2.57	.66		T	.06	.75			T	.03					.04	.43					.03	.11			.22			.24				
LONDON FAA AP	4.98	.07	.03	.16	1.11				.75						.63			.11	.35		.01		T	.64			.02	.71		.39		
LOUISA 2	3.87	.59		T	.10	2.07				.20		T				.41			.02		T				.28			.12	.08			
MANCHESTER 4 SE	5.97	.98		.19	T	1.27			.07	.45						.51			.46						.81			.18	.49	.26	.30	
MARTIN	4.87	.81	T	.12	.08	1.14				.23		.10				.44									.38			T	.70	T	.87	
MC KEE	4.77	.64		.15	.56	.86			.34	.16					.06	.72			.52		.01			.02	.08			.20	.31	.06	.08	
MIDDLESBORO	5.02	.66		.60	.14	.51			T	.61					T	.47			.05					T	.36			.12	.30	.14	1.06	
MONTICELLO	5.15	.72		.46	.31	.42			.57	.14					.08	.54			.13					.02	.48			.37	T	.58	.33	
MOUNT VERNON	4.87	.43			.23	1.70			.51						.04	.53			.77		T			.19				.37		.10		
ONEIDA	6.46	1.10		.26	.22	1.47			.32	.40						.48			.45						.43			.30	.33	.40	.30	
PAINTSVILLE 1 S	5.10	1.22		T		1.60				.22		.05				.49									.89			.53	T	.10		
PIKEVILLE	3.38	.45		.39	.48				.33						T			T	T					.21	.02			.67		.83		
RAVENNA LOCK 12	5.39	1.22		.06	.33	2.43			.25	.14		T			T	.38			.05		.02				.08			.12	.27	.04		
SALYERSVILLE 2 SE	4.55	1.45		.09	.15	1.12				.27		.07				.43									.17			.10	.41	.22	.07	
SOMERSET 2 N	4.93	.17	.05	.45	1.52				1.00						.09	.50		.05	.16	.01	.04			.10				.59		.20		
STEARNS	5.31	.81		.67		.72			.14	.35					.09	.70			.06					.06	.08				.57	.44	.62	
TILFORD	3.66			.70						.48														.03				1.00			1.45	
TOMAHAWK 1 WSW	5.23	1.16		.05	.02	1.26				.29		.06				.42									1.21			.22	.33	.12	.09	
VANCEBURG	.51	.03		T	T						T				.08			.05	T		.02			.30	T			.03				
WEST LIBERTY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILLIAMSBURG 1 E	5.12	1.02		.43		.63				.56						.58			.11						.12			.21	.37	.37	.72	
WILLOW LOCK 13	3.41	.50		.15	.38	1.16			.19	.16		.02			T	.52			.06		T				.03			.06	.18	T		

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	23	2.6	10.0	29++	25	23	66	73	50	51	7	1	3	3	0	0	14	-	6.9
LEXINGTON WB AIRPORT	18	2.4	9.8	27++	19	23	68	77	54	54	6	7	2	1	1	0	17	-	6.7
LOUISVILLE WB AIRPORT	21	1.7	9.0	35	NW	14	65	74	50	48	6	2	5	1	0	1	15	55	6.7

DAILY TEMPERATURES

KENTUCKY
APRIL 1968

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	59	53	72	72	49	58	68	70	68	74	74	78	69	78	64	74	74	83	75	79	76	71	68	63	69	76	72	72	75	83		70.5
	MIN	40	43	52	49	38	33	36	50	53	43	37	47	56	58	37	38	53	55	59	65	46	53	54	42	34	48	49	46	49	42		46.8
BEAVER DAM	MAX	61	63	66	66	57	56	67	70	68	71	69	79	75	74	60	70	70	81	76	82	78	77	80	71	75	75	75	71	73	76		71.1
	MIN	39	39	49	56	37	37	32	56	48	48	33	40	54	56	38	33	51	58	55	62	50	56	60	40	32	40	50	41	50	43		46.1
FORDS FERRY DAM 50	MAX	56	56	70	64	42	56	71	70	62	70	72	80	70	75	59	73	73	77	64	82	74	76	71	59	67	74	66	68	73	79		68.3
	MIN	42	42	52	40	37	38	40	53	47	47	40	54	57	46	42	42	54	59	57	57	52	58	45	41	39	49	49	46	49	50		47.5
GILBERTSVILLE 1 SE	MAX	61	58	73	72	55	57	71	70	68	75	73	74			65	77	75	84	79	83	77	76	73	63	69	76	72	74	76	82		71.7
	MIN	39	45	52	54	38	39	39	55	53	44	39	44		51	39	41	53	60	59	66	55	56	60	42	35	47	50	48	50	47		48.3
GOLDEN POND 8 N	MAX	64	59	55	71	64	43	57	69	68	67	73	71	79	72	72	63	74	72	82	71	82	82	74	73	60	69	75	64	72	73		69.0
	MIN	41	44	45	54	38	38	40	50	53	47	42	48	56	56	38	42	52	53	58	60	50	56	60	42	37	46	51	47	52	46		48.1
GREENVILLE 2 W	MAX	60	60	67	67	56	55	67	68	65	70	68	76	72	72	60	71	70	79	74	81	78	75	78	67	66	74	70	71	72	77		69.5
	MIN	40	38	49	56	37	37	34	54	51	44	35	48	58	55	38	34	50	58	55	66	48	56	59	39	32	43	50	42	50	43		46.6
HENDERSON 7 SSW	MAX	58	57	66	66	45	52	66	70	65	71	70	78	71	73	61	70	74	79	70	80	75	75	73	58	65	75	68	70	75	78		68.5
	MIN	39	40	50	45	36	38	39	52	50	48	38	50	57	56	37	42	53	59	55	63	52	58	58	40	38	46	48	46	47	51		47.7
HICKMAN 1 E	MAX	60	57	76	72	50	57	68	70	76	73	75	78	70	80	67	74	76	82	75	80	76	73	68	64	71	77	70	72	82	83		71.7
	MIN	41	43	51	50	37	30	39	53	52	48	40	46	56	56	42	39	53	51	59	64	49	53	56	42	35	49	50	48	47	48		47.6
HOPKINSVILLE	MAX	63	61	54	69	62	44	56	67	67	67	74	72	78	70	75	69	71	71	84	72	82	75	75	80	59	70	76	65	75	77		69.3
	MIN	38	38	40	47	36	35	37	46	51	47	37	43	48	54	37	39	42	51	57	58	50	54	55	37	34	38	48	46	46	43		44.4
LOVELACEVILLE	MAX	59	54	73	70	50	59	70	71	66	73	74	77	70	76	64	76	73	82	77	79	76	71	67	62	68	75	67	72	75	82		70.3
	MIN	38	41	51	50	38	35	37	50	52	44	37	45	57	57	36	38	52	58	59	64	46	51	56	40	32	45	50	45	50	42		46.5
MADISONVILLE 1 SE	MAX	61	60	68	68	57	56	67	70	66	73	71	78	74	74	63	72	76	80	76	81	79	76	76	66	68	74	72	71	74	78		70.8
	MIN	38	40	48	53	36	37	34	53	49	43	35	48	58	55	35	37	51	58	55	62	49	56	60	41	37	42	50	42	48	50		46.7
MAYFIELD RADIO WNGO	MAX	63	63	75	73	55	60	71	70	68	78	77	79	73	80	66	79	74	88	77	82	79	73	74	64	70	76	74	75	76	81		73.1
	MIN	48	48	55	53	38	37	36	53	53	40	38	46	55	41	37	34	52		65	65	45	52	59	40	31	45	54	46	48	40		46.7
MURRAY	MAX	62	60	55	71	62	43	58	67	68	66	72	72	77	68	73	63	76	71	83	71	80	74	74	74	59	67	74	64	72	72		68.3
	MIN	40	44	48	54	38	38	39	50	53	46	40	48	59	56	39	39	53	54	60	60	51	55	60	43	38	48	52	49	55	50		48.6
OWENSBORO 2 W	MAX	62	60	65	65	57	54	65	70	66	72	71	77	71	72	63	71	71	80	77	80	75	78	74	60	63	73	72	74	73	78		69.6
	MIN	39	40	50	47	36	38	38	54	47	48	36	46	57	55	37	39	52	59	54	63	54	58	59	42	35	45	49	46	47	49		47.3
PADUCAH FAA AIRPORT	MAX	58	53	72	61	42	59	68	69	65	73	73	77	66	75	63	74	72	81	67	78	74	70	67	63	67	77	65	70	73	82		68.5
	MIN	38	43	53	40	38	38	40	54	48	47	40	51	57	49	38	40	53	58	59	58	50	54	45	41	39	53	50	47	50	49		47.3
PADUCAH	MAX	58	58	72	72	56	55	69	70	69	73	73	79	74	72	64	75	75	81	81	80	79	73	71	63	68	75	74	70	74	81		71.1
	MIN	40	45	49	54	37	38	43	51	50	45	39	47	55	56	37	40	53	58	59	64	48	55	58	42	35	49	49	47	45	45		47.8
PRINCETON 1 SE	MAX	60	58	69	70	55	56	68	68	67	73	72	78	75	72	63	70	70	82	78	79	76	75	74	65	67	73	73	71	73	79		70.3
	MIN	38	40	50	54	37	38	39	54	53	45	37	48	57	55	38	39	52	61	57	63	51	58	61	40	33	50	50	43	50	47		47.9
ROCHESTER LOCK 3	MAX	63	59	64	70	64	44	51	68	68	67	70	70	76	72	74	60	72	69	80	69	80	77	76	79	58	67	74	64	73	74		68.4
	MIN	39	40	43	54	38	38	40	40	52	48	41	43	50	56	40	38	42	52	54	52	50	53	57	44	36	41	51	43	45	46		45.5
RUSSELLVILLE	MAX	62	60	62	70	64	42	58	68	66	67	73	69	76	70	76	62	70	69	81	72	80	75	76	79	59	66	75	64	73	74		68.6
	MIN	38	40	45	50	36	36	36	50	49	44	35	47	54	57	37	35	48	51	55	61	49	55	57	40	33	41	50	44	52	48		45.8
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	56	63	62	63	52	55	66	70	64	70	65	77	76	70	58	67	69	75	73	81	78	76	78	72	61	73	68	68	71	74		68.4
	MIN	34	36	48	50	35	35	35	59	47	46	34	43	51	53	36	34	53	54	49	57	50	54	58	40	36	37	44	41	48	47		44.8
BARDSTOWN 5 J PREP SCH	MAX	63	68	65	67	62	57	70	70	67	69	67	77	76	74	70	69	68	79	77	80	80	77	80	77	63	74	71	69	73	76		71.2
	MIN	36	37	49	57	36	36	33	59	46	45	34	43	54	56	36	34	54	55	51	61	52	55	60	41	33	40	47	40	50	46		45.9
BARREN RIVER RESERVOIR	MAX	63	58	63	68	65	43	61	72	67	68	72	69	78	75	75	61	74	73	83	73	81	77	80	81	59	67	76	63	73	73		69.7
	MIN	38	39	43	53	38	38	38	43	50	44	36	39	49	56	37	35	43	53	52	59	49	51	58	40	33	39	54	47	48	46		44.9
BOWLING GREEN FAA AP	MAX	58	62	67	69	43	61	67	67	67	72	66	75	72	74	61	72	66	82	71	79	78	79	81	58	67	74	64	71	72	77		69.1
	MIN	39	38	49	43	38	38	33	54	50	48	36	39	51	50	40	35	53	60	55	58	50	58	46	40	34	40	48	43	49	46		45.4
BRADFORDSVILLE	MAX	63	51	69	68	64	54	62	72	65	67	70	66	77	77	70	58	71	70	80	80	79	75	78	80	58	63	74	63	79	73		69.2
	MIN	36	32	48	50	39	37	30	58	47	42	30	34	44	56	36	30	52	56	52	59	47	53	60	38	28	33	49	34	52	39		43.4
CAMPBELLSVILLE	MAX	60	66	63	66	64	60	71	70	65	70	70	76	74	72	70	70	69	80	75	78	77	78	78	68	63	74	72	69	70	74		70.4
	MIN	37	39	48	55	37	37	35	58	50	44	38	39	54	56	37	35	53	59	51	62	50	55	62	42	38	44	49	40	50	48		46.7
CECILIA	MAX	70	65	65	65	54	52	68	68	66	70	68	73	78	76	64	69	66	80	75	80	77	75	79	68	62	73	75	68	71	75		69.8
	MIN	32	33	47	51	35	40	31	56	46	45	31	41	50	51	37	33	51	54	51	51	52	56	57	40	42		43	40	50	51		44.7
CLERMONT 1 SSE	MAX	62	58	68	67	62	55	64	70	68	70	68	77	76	75	78	68	68	81	81	82	82	76	78	76	62	75	75	70	70	76		71.3
	MIN	33	34	48	57	37	36	46	56	40	40	30	39	50	55	34	38	53	52	49	60	48	56	52	41	32	35	47	36	47	43		44.1
GLASGOW WKAY	MAX	58	65	67	69	62	62	72	66	66	70	67	77	75	74	60	73	70	81	73	81	78	79	80	71	65	75	70	71	71	75		70.8
	MIN	36	40	48	55	38	37	34	59	50	46	35	40	54	58	39	34	54	58	55	65	47	56	60	40	33	39	53	43	51	42		46.6
GREENSBURG	MAX	72	60	69	68	65	44	62	72	67	69	72	69	79	78	73	62	73	67	81	84	82	77	80	81	60	69	76	63	74	75		70.8
	MIN	38	35	39	50	40	38	33	33	49	44	35	36	38	51	40	34	35	54	54	52	48	49	58	40	34	38	43	40	45	43		42.2
HODGENVILLE-LINCOLN NP	MAX	60	68	68	67	61	57	72	68	68	71	70	76	75	73	69	69	69	79	79	81	81	77	80	79	63	75	75	68	78	75		71.7
	MIN	35	37	47	55	36	36	34	58	48	44	38	41	52	55	35	34	52	55	53	61	49	55	59	39	33	40	46	37	46	45		45.2
IRVINGTON	MAX	61	64	64	65	51	55	65	65	66	69	67	76	74	71	59	68	68	79	77	80	78	75	78	70	61	73	71	69	72	74		68.8
	MIN	37	39	47	51	35	36	34	57	48	46	34	34	57	55	37	36	51	56	52	52	55	56	59	42	36	39	48	42	42	50		45.4
LEITCHFIELD	MAX	59	65	65	65	52	56	67	67	66	71	66	77	77	72	58	70	67	80	73	80	76	77	80	67	62	74	70	68	72	74		69.1
	MIN	38	39	48	52	36	37	40	57	50	49	39	45	56	55	37	38	51	58	54	64	56	57	52	35	35	46	48	43	52	50		47.2
LOUISVILLE	MAX	63	65	65	68	68	54	65	73	72	72	68	79	77	71	71	68	69	79	78	85	84	80	80	75	61	74	69	71	74	74		71.7
	MIN	41	41	51	44	37	38	37	62	53	51	42	48	58	58	40	41	56	58	53	59	58	61	63	44	41	46	47	47	54	55		49.5
LOUISVILLE WB AP	MAX	55	65	64	65	43	54	67	69	63	70	66	77	76	70	58	65	67	76	72	81	74	76	80	54	62	74	65	68	71	74		67.4
	MIN	40	39	50	43	37	38	36	57	48	47	37	42	51	47	40	39	54	55	51	59	55	57	49	43	39	41	47	42	51	50		46.1
MAMMOTH CAVE PARK	MAX	60	65	66	68	62	58	69	67	66	70	68	76	76	72	59	70	70	80	79	78	76	78	80	72	65	75	74	70	72	74		70.5
	MIN	36	39	50	55	37	37	32	55	49	45	33	41	56	50	36	31	50	55	54	49	45	50	52	39	30	37	50	39	49	43		44.1

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NOLIN RIVER RESERVOIR	MAX	58	57	65	69	64	42	60	69	68	66	72	68	76	75	73	60	70	61	83	74	82	77	79	80	58	66	75	63	70	74		68.5
	MIN	42	43	51	56	38	38	37	59	50	44	36	40	50	64	41	38	58	60	57	63	57	56	63	46	39	53	52	44	52	43		49.0
ROUGH RIVER DAM	MAX	63	60	64	69	64	43	57	67	70	68	72	71	78	74	71	63	72	68	83	74	81	75	79	79	56	63	74	69	73	75		69.2
	MIN	37	37	41	51	36	36	35	41	47	46	34	35	49	55	35	36	43	54	53	56	52	54	56	41	34	36	49	41	48	46		43.9
SCOTTSVILLE 3 SSW	MAX	64	66	66	67	62	61	71	68	65	71	67	77	76	74	59	72	78	80	74	74	76	76	79	65	65	76	74	71	70	76		70.7
	MIN	42	39	48	55	38	39	42	58	52	47	42	46	54	58	40	38	54	58	61	64	55	57	58	40	37	48	53	46	52	49		49.0
SUMMER SHADE	MAX	58	65	66	67	55	62	70	67	66	70	68	76	75	72	60	73	70	81	74	80	76	79	79	63	64	75	70	72	70	75		69.9
	MIN	38	41	48	55	38	38	35	59	50	45	34	40	50	59	38	34	52	58	56	63	45	55	59	37	31	40	54	45	51	41		46.3
WOLF CREEK DAM	MAX	67	61	68	68	71	43	65	74	74	68	71	68	74	75	75	60	73	75	83	76	80	79	80	60	60	68	76	63	70	70		70.5
	MIN	35	33	47	54	40	37	32	45	45	43	33	32	43	42	35	32	46	53	47	57	43	53	55	37	30	33	50	41	51	37		42.0
* • *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	60	68	65	66	62	57	70	70	65	68	61	77	78	78	77	71	70	78	76	79	78	77	72	62	73	70	68	68	70	73		70.2
	MIN	37	37	48	56	37	36	38	57	54	45	35	44	52	58	38	36	55	54	49	63	57	55	43	40	40	41	47	37	49	49		46.2
CARROLLTON LOCK 1	MAX	62	63	62	67	65	53	65	70	70	70	65	75	75	75	69	65	66	77	77	81	81	75	75	73	60	74	72	66	71	73		69.7
	MIN	37	35	49	58	37	35	31	60	43	44	31	38	48	55	38	33	52	54	50	57	51	51	58	43	42	38	43	37	43	46		44.6
COVINGTON WB AIRPORT	MAX	53	62	63	65	43	52	67	70	64	67	64	78	78	68	58	65	58	78	70	81	74	75	74	53	60	74	64	67	71	71		66.2
	MIN	37	36	50	42	37	36	37	56	47	45	33	44	52	45	38	37	53	54	49	57	55	54	50	44	40	38	40	41	48	49		44.8
CYNTHIANA 2	MAX	66	55	62	65	62	43	55	69	68	67	70	65	75	75	71	60	67	68	80	72	79	73	76	77	56	60	74	65	70	73		67.3
	MIN	34	32	43	49	38	35	35	35	42	41	28	33	42	56	36	30	41	54	48	55	45	48	56	40	31	33	45	33	47	42		40.9
DANVILLE	MAX	65	55	68	66	63	42	58	72	66	66	70	63	77	76	71	57	70	64	80	78	80	78	77	80	58	62	74	61	69			67.8
	MIN	35	32	37	45	37	36	36	40	52	45	35	39	48	52	37	34	36	54	50	50	55	55	58	41	37	38	48	40	40			42.8
DIX DAM	MAX	61	66	66	65	61	55	67	70	66	67	67	74	74	73	68	66	66	77	76	79	80	77		74	60	73	74	66	70	72		69.3
	MIN	36	35	47	56	36	33	33	54	51	44	33	40	49	56	37	33	53	56	50	60	52	52		39	35	38	46	39	48	49		44.5
FALMOUTH 5 WNW	MAX	62	61	62	65	61	54	68	68	66	69	64	76	76	73	69	65	62	78	72	81	79	76	73	68	59	73	64	67	71	71		68.4
	MIN	32	30	48	51	38	35	25	37	37	39	25	34	41	45	34	28	48	55	40	56	43	47	39	40	40	33	41	32	43	41		39.2
FARMERS 1 WNW	MAX	61	65	66	69	63	59	70	69	66	67	62	76	78	78	72	71	65	78	76	81	75	77	78	71	60	74	64	69	70	71		70.0
	MIN	35	32	47	57	39	37	33	59	47	42	32	32	42	56	39	31	48	50	45	56	47	54	49	41	40	33	49	36	48	40		43.2
FLEMINGSBURG 1 SW	MAX	60	62	65	67	60	55	66	66	65	67	60	73	75	73	69	65	63	77	72	79	73	75	76	65	59	73	62	67	69	70		67.6
	MIN	36	35	47	54	37	35	31	52	46	44	32	36	45	53	38	31	50	55	45	54	50	51	58	34	37	35	45	38	46	46		43.2
FRANKFORT LOCK 4	MAX	64	55	63	67	63	44	53	69	70	69	70	66	76	77	70	60	65	66	81	70	81	75	75	80	56	62	74	66	68	73		67.6
	MIN	35	34	39	50	38	36	33	34	47	42	32	32	37	46	36	33	34	51	48	50	48	51	53	42	38	35	38	37	40	46		40.5
LEXINGTON WB AIRPORT	MAX	54	67	64	64	41	53	68	65	64	67	61	73	74	69	57	66	62	77	69	79	71	74	78	55	60	72	62	66	71	71		65.8
	MIN	37	37	49	41	37	35	35	55	45	43	33	40	52	46	37	37	54	55	49	59	52	54	49	39	36	39	46	40	50	47		44.3
MAYSVILLE SEWAGE PLANT	MAX	69	53	62	60	62	42	45	65	69	66	70	64	75	76	74	56	68	64	78	75	78	75	78	75	58	54	74	64	69	70		66.3
	MIN	42	36	35	51		38	36	40	48	45	36	34	40	51	42	36	38	49	55	49	57	49	49	47	44	42	40	45	48	48		43.9
MOUNT STERLING	MAX	61	65	65	67	60	55	68	68	66	69	67	75	77	74	72	66	65	78	76	80	78	75	78	69	60	73	72	67	69	73		69.6
	MIN	36	34	47	56	38	35	36	52	51	46	35	38	50	56	37	34	50	57	48	57	52	53	58	41	37	38	46	39	49	48		45.1
OWENTON 2 S	MAX	61	62	63	66	59	55	67	68	66	68	65	77	77	73	69	67	64	78	77	81	79	77	76	68	60	74	73	70	71	72		69.4
	MIN	29	34	47	56	36	33	28	60	38	38	26	32	42	54	31	30	49	54	47	56	44	48	57	37	34	32	36	37	46	41		41.1
RICHMOND	MAX	70	53	66	65	61	43	55	70	66	65	70	62	76	77	72	57	67	66	79	74	80	74	77	78	59	61	74	58	67	70		67.1
	MIN	36	35	40	49	37	36	38	55	49	45	33	42	52	56	35	37	45	55	50	57	50	54	58	40	33	40	50	41	49	44		44.7
SHELBYVILLE	MAX	63	54	64	65	61	41	53	67	67	65	69	64	74	73	68	57	65	66	76	70	79	73	75	79	55	60	72	67	67	71		66.0
	MIN	35	36	38	49	36	34	35	38	50	46	35	37	45	49	36	37	41	54	48	50	54	55	57	40	35	38	44	40	41	48		42.7
WARSAW MARKLAND DAM	MAX	65	54	64	65	65	42	53	68	70	65	68	65	77	77	70	60	66	60	78	70	80	74	76	75	54	60	74	65	67	73		66.7
	MIN	39	36	37	39	39	34	34	34	43	43	30	30	36	47	41	32	36	54	48	47	48	49	52	43	43	36	38	36	36	43		40.1
WAYNESBURG 7 NE	MAX	58	65	62	63	60	60	71	66	63	66	61	74	75	72	66	69	64	77	76	78	72	76	79	67	61	72	66	69	67	72		68.2
	MIN	36	36	46	54	36	35	39	55	51	45	37	41	51	54	36	37	52	54	51	59	53	54	59	39	34	39	47	41	48	45		45.5
WILLIAMSTOWN 3 NW	MAX	59	60	61	64	53	52	65	68	65	67	63	75	75	70	58	63	60	77	70	79	74	74	72	69	59	72	68	65	71	71		66.6
	MIN	33	35	47	52	35	34	36	59	47	46	35	42	52	55	35	39	52	56	48	56	53	54	57	41	39	39	41	42	48	49		45.2
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	75	57	64	68	65	46	57	74	69	70	69	63	78	79	80	69	67	69	73	80	80	77	76	75	62	59	75	63	69	67		69.2
	MIN	38	30	36	48	42	36	32	35	44	41	31	32	34	48	40	31	38	46	47	41	47	47	50	43	37	34	47	35	38	41		39.6
BARBOURVILLE	MAX	62	54	63	67	70	46	68	75	68	65	70	65	79	79	77	61	74	71	82	82	85	80	82	80	65	65	76	64	74	75		70.8
	MIN	45	30	31	49	44	39	35	36	50	49	34	33	33	43	41	31	32	46	50	52	50	50	54	48	34	33	36	44	44	44		41.3
BAXTER	MAX	67	59	63	66	71	47	68	75	64	67	67	65	76	79	75	59	73	70	79	83	83	78	81	75	64	63	74	61	71	57		69.3
	MIN	44	28	28	45	44	38	38	41	49	49	33	30	30	38	44	31	31	44	50	50	48	49	51	47	31	30	32	45	47	46		40.4
BLAINE 2 W	MAX	73	55	66	70	70	45	60	75	68	70	68	64	70	78	78		68	68	80	75	80	83	78	78	63	60	75	60	70	65		69.4
	MIN	39	25	24	45	42	37	28	33	43	40	30	27	27	40	40	28	28	41	42	43	43	47	42	47	32	30	30	32	38	38		36.0
CUMBERLAND	MAX	59	64	70	65	60	70	74	72	66	72	63	73	78	75	74	72	73	80	83					75		63	65	73	59	71		70.0
	MIN	34	29	41	44	40	36	35	59	45	46	29	29	33	49	39	26	49	49	49					43		30	50	40	45	44		40.5
DEWEY DAM	MAX	75	57	68	68	69	49	64	78	67	70	70	66	82	82	82	73	71	71	83	77	86	80	80	77	68	64	78	58	74	62		71.6
	MIN	39	28	28	48	44	39	32	33	48	45	35	30	30	38	45	34	34	44	45	46	47	48	50	50	40	31	33	40	42	45		39.7
GRAYSON 3 SE	MAX	74	53	63	70	62	45	56	72	68	68	67	63	78	80	79	58	66	68	79	72	82	76	76	75	61	58	74	62	67	69		68.0
	MIN	38	27	37	47	41	35	29	34	49	40	29	30	38	50	40	28	36	37	42	50	46	48	51	42	39	32	42	32	44	39		39.1
HEIDELBERG LOCK 14	MAX	63	68	69	68	62	59	73	73	68	69	69	78	78	80	77	69	70	79	79	82	82	80	80	78	62	74	76	69	70	73		72.6
	MIN	38	28	48	53	42	38	32	53	47	43	31	30	40	54	39	31	43	49	47	56	48	50	53	42	30	30		38	46	39		42.0
HINDMAN 11 NNE	MAX	74	57	68	69	72	46	64	78	67	65	69	65	70	82	81	57	69	80	82	81	88	81	80	78	67	65	77	55	71	60		70.6
	MIN	39	28	28	47	43	39	32	42	48	45	32	30	32	36	42	30	33	44	50	52	50	49	50	50	33	30	32	42	45	41		39.8
HYDEN	MAX	72	58	67	69	77	46	67	75	67	67	70	79		81	77	56	72	70	81	82	84	86	81	76	65	64	75	59	67	60		70.8
	MIN	45	29	29	46	44	39	34	33	50	46	33	32		39	45	36	32	47	50	50	47	47	50	49	30	28	32	42	42	44		40.3
JACKSON	MAX	80	57	69	70	64	46	63	71	68	68	69	65	78	80	79	58	70	69	80	79	84	78	80	79	64	65	75	55	70	63		69.9
	MIN	41	27	29	48	41	38	33	35	49	44	33	32	33	43	40	31	34	45	47	48	49	50	52	48	32	32	40	40	42	42		39.9

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LONDON FAA AP	MAX	58	64	64	71	49	62	74	63	64	68	63	76	76	74	55	70	66	79	79	83	75	78	76	61	61	75	58	69	62	72		68.2
	MIN	41	35	45	49	39	37	34	54	46	46	32	32	41	52	38	31	45	54	53	59	47	52	56	37	32	33	43	41	44	36		42.8
MANCHESTER 4 SE	MAX	61	65	64	70	63	64	73	71	66	68	67	77	80	76	74	70	68	80	81	84	80	80	78	70	61	75	72	70	69	73		71.7
	MIN	42	28	46	57	40	39	32	56	48	45	30	27	39	53	43	30	40	52	49	55	47	49	51	48	29	30	53	40	47	39		42.8
MC KEE	MAX	68	56	65	68	64	46	63	74	64	66	67	63	78	80	74	55	66	64	78	80	81	76	78	78	60	62	75	56	68	67		68.0
	MIN	38	26	28	48	38	36	30	33	48	42	28	28	33	43	36	28	34	45	42	51	45	48	54	42	28	28	36	35	37	38		37.5
MIDDLESBORO	MAX	66	62	61	61	69	46	67	73	62	65	65	65	75	77	72	59	72	71	81	82	82	79	79	77	65	65	74	63	72	59		68.9
	MIN	45	31	35	45	45	36	36	40	50	50	35	31	32	41	45	31	32	46	48	48	48	54	54	49	31	31	33	47	48	44		41.4
MONTICELLO	MAX	59	66	65	70	70	63	75	73	65	70	65	78	78	73	65	71	74	82	77	80	76	80	81	70	64	75	70	70	67	74		71.5
	MIN	38	33	46	57	40	36	35	57	49	46	33	37	52	57	36	31	53	55	49	62	47	55	59	40	30	37	54	43	53	40		45.3
MOUNT VERNON	MAX	60	61	65	63	65	62	70	70	66	68	64	76	78	75	69	69	69	79	78	80	79	79	79	68	62	74	71	71	71	73		70.5
	MIN	36	36	34	46	35	35	35	55	53	43	32	34	54	51	37	31	49	54	48	59	51	52	59	42	38	33	49	35	48	43		43.6
PIKEVILLE	MAX	64	69	72	73	59	67	81	73	69	71	68	82	84	83	75	73	73	83	79	89	83	82	80	69	67	79	71	73	64	76		74.4
	MIN	44	30	47	56	45	41	41	50	50	48	37	32	39	52	45	32	39	48	47	52	51	50	50	52	37	33	53	42	45	48		44.5
SOMERSET 2 N	MAX	61	65	63	68	65	62	71	69	65	69	68	76	76	71	67	71	68	80	78	79	76	78	80	70	62	73	70	70	70	74		70.5
	MIN	37	33	42	57	38	35	32	55	48	45	28	30	48	55	35	28	50	52	53	57	46	54	51	40	32	29	50	39	48	41		42.9
STEARNS	MAX	67	59	69	67	68	43	65	72	67	63	63	60	78	78	76	71	82	80	81	83	77	79	80	81	61	63	62	60	71	61		69.6
	MIN	39	35	39	45	40	36	38	54	52	48	38	39	40	55	51	49	58	60	55	52	50	51	57	43	33	37	43	41	46	42		45.5
TOMAHAWK 1 WSW	MAX	75	57	67	70	69	47	63	77	67	69	69	65	79	80	80	58	69	71	82	76	86	80	78	76	65	62	75	53	70	62		69.9
	MIN	37	26	32	47	47	38	30	42	45	42	31	31	28	47	38	28	33	41	42	42	42	47	48	48	34	30	32	40	45	40		38.4
VANCEBURG	MAX	58	63	63	70	64	51	68	72	68	66	61	76	75	73	57	67	62	76	74	77	72	78	78	74	58	73	70	65	67	66		68.1
	MIN	31	24	44	46	36	33	23	44	42	37	27	26	34	50	36	26	40	46	38	49	42	44	47	43	36	28	41	29	37	34		37.1
WEST LIBERTY	MAX																																
	MIN																																
WILLIAMSBURG 1 E	MAX	74	63	62	70	64	67	75	70	70	69	67	69	78	75	67	73	73	82	81	83	79	80	80	71	65	75	74	72	70	72		72.3
	MIN	42	31	45	58	39	36	37	58	49	48	34	36	39	35	39	31	50	55	50	59	54	54	60	46	41	37	53	44	53	45		45.3

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.46	.26	-	-	.24	.05	.12	.04	.09	.12	.29	.34	.31	.30	.04	.35	.15	.10	.22	.08	.35	.18	.19	.33	.26	.23	.33	.12	.18	.30		6.46B
	WIND	77	81	103	163	126	39	35	103	27	32	47	39	94	98	80	30	84	70	32	35	96	19	87	136	92	51	82	34	30	42		2064
	MAX	60	66	60	63	63	62	80	65	68	74	79	84	85	75	76	79	80	72	93	67	80	79	75	77	66	75	75	72	78	79		73.6
	MIN	43	43	43	45	42	42	60	43	54	49	46	46	49	52	43	41	46	52	60	60	55	55	60	43	39	40	49	48	47	49		48.1
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.21	.06	.16	-	-	.10	.16	-	-	.09	.16	.29	.48	-	-	.22	.16	.11	.16	.10	.26	.16	.25	.35	.12	.19	.12	.12	.16	.28		5.59B
	WIND	93	89	27	180	109	52	34	113	42	31	51	29	70	79	74	37	60	43	26	35	98	37	53	151	121	71	31	84	27	39		1986
WOLF CREEK DAM	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.05	.25	.06	.11	.07	.15	.16	.16	.20	.10	.13	.26	.03	.22	.32		-
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	14	21	7	16	18	9	9	35	29	30	20	4	8	3		-
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	80	64	87	73	77	65	72	72	-	-	76	62	83	75		-
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	48	55	60	62	51	58	64	52	-	-	50	52	54	52		-
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	-	.16	.05	.20	-	-	-	.19	.04	.15	.20	.15	.23	.18	.18	.20	.26	.06	.14	.19	.26	.15	*	.56	.20	.20	.19	.09	.23	.20		5.38B
	WIND	-	70	88	143	126	*	99	82	53	30	49	31	42	10	153	41	53	76	46	41	65	44	*	137	109	70	65	40	42	55		1924B
	MAX	-	67	61	63	59	-	-	65	66	70	74	74	78	77	71	67	75	59	83	84	84	81	-	82	67	72	74	66	79	79		72.2
	MIN	-	38	39	49	39	-	-	37	54	51	44	46	50	53	42	42	45	51	57	58	55	58	-	45	38	45	52	44	44	49		47.1
* * * EASTERN 04																																	
BUCKHORN	EVAP	-	.16	.10	.03	-	-	.08	.19	.10	.07	.14	.22	.17	.17	.24	.14	.14	.06	.15	.17	.19	.24	.15	.12	.27	.19	.14	.01	.11	.04		4.21B
	WIND	-	34	26	96	98	27	16	44	47	7	35	30	30	31	84	32	16	36	28	10	47	32	12	80	85	59	66	15	16	8		1187B

DAILY SOIL TEMPERATURES

Station		Day Of Month																														Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN S J PREP SCH																																	
4 INCHES	MAX	61	61	58	58	58	58	59	61	62	63	65	66	65	65	64	65	64	69	69	70	71	72	71	71	67	66	67	69	71	71		65.2
	MIN	54	50	55	57	51	49	50	55	55	55	52	55	58	60	54	54	58	58	61	65	62	64	66	60	56	58	60	58	62	60		57.1
20 INCHES	5 PM	54	53	53	55	54	53	52	52	53	53	54	54	54	55	55	55	55	55	56	58	59	59	60	60	59	59	59	58	59	59		55.8
BEREA COLLEGE																																	
4 INCHES	MAX	57	54	53	53	53	51	51	53	53	54	54	55	58	59	58	57	57	58	59	60	61	62	62	60	60	60	58	58	58	60		56.9
	MIN	52	50	51	53	51	49	49	51	52	53	52	52	55	57	55	52	55	55	57	59	59	60	58	55	56	56	56	55	57	57		54.3
20 INCHES	5 PM	50	50	50	50	50	50	50	50	50	50	50	51	51	52	53	53	53	53	53	54	55	55	56	56	56	56	56	56	56	56		52.7
CAMPBELLSVILLE																																	
4 INCHES	MAX	57	57	54	55	55	55	55	55	57	58	59	60	60	60	60	59	59	65	65	64	63	65	65	65	61	61	60	62	63	64		59.9
	MIN	52	50	52	51	51	49	49	53	54	53	52	52	55	58	54	52	56	55	60	61	59	61	63	59	55	56	57	55	59	58		55.0
20 INCHES	6 PM	50	50	50	50	51	50	50	50	50	51	51	51	52	52	52	52	52	53	54	55	55	56	56	57	56	56	56	56	56	56		52.9
CUMBERLAND GAP PARK																																	
4 INCHES	MAX	56	56	52	56	54	54	55	56	55	55	57	58	60	59	59	59	60	60	62	64	65	65	65	64	65	62	61	61	63	63		59.4
	MIN	53	50	51	50	52	49	51	54	53	54	51	50	55	56	56	53	54	55	57	60	60	59	61	59	56	55	59	60	58	61		55.1
20 INCHES	5 PM	51	51	51	51	52	51	52	52	52	53	53	53	53	54	54	54	54	55	55	56	58	58	58	58	58	58	58	57	58	58		54.5
FLEMINGSBURG 1 SW																																	
4 INCHES	MAX	52	52	49	51	51	49	50	51	52	52	52	52	52	53	54	52	53	54	55	56	56	56	56	56	52	50	52	52	53	56		52.7
	MIN	49	46	48	49	48	45	46	48	50	50	48	48	50	51	50	49	50	50	53	54	54	54	56	52	49	48	50	50	51	51		49.9
20 INCHES	6 PM	47	47	47	48	48	48	48	48	48	49	49	49	49	49	49	49	50	50	50	51	51	52	52	52	54	52	52	52	52	52		49.8
GLASGOW WKAY																																	
4 INCHES	MAX	53	53	51	53	53	51	52	52	55	56	56	56	56	56	56	57	57	60	60	60	61	62	62	62	61	60	61	61	61	62		57.2
	MIN	51	50	51	51	51	50	49	52	52	53	52	52	55	56	53	52	55	55	58	58	60	60	61	59	55	55	59	59	59	57		54.7
20 INCHES	6 PM	49	48	48	49	49	49	49	50	50	50	51	51	51	51	52	52	52	53	54	55	55	55	56	56	55	55	55	55	55	55		52.2
GREENVILLE 2 W																																	
4 INCHES	MAX	59	58	58	58	57	54	54	57	57	60	62	62	63	60	63	62	63	67	67	67	68	68	67	67	65	64	63	62	70	77		62.6
	MIN	56	58	54	56	52	50	51	52	55	53	53	55	59	58	55	55	59	59	63	63	60	65	64	59	56	58	59	57	57	43		56.5
20 INCHES	5 PM	51	52	51	51	52	51	49	50	51	52	52	53	54	54	54	54	54	55	56	57	57	58	59	59	58	58	58	58	58	59		54.5
HENDERSON 7 SSW																																	
4 INCHES	MAX	57	56	54	56	57	54	54	55	55	56	56	57	57	57	57	57	57	62	62	62	62	62	63	62	61	61	62	62	64	65		58.7
	MIN	54	53	54	54	54	53	52	53	55	55	54	55	57	57	56	55	57	57	60	61	61	62	62	60	57	59	60	59	60	61		56.9
20 INCHES	6 PM	51	51	51	52	52	51	51	51	52	52	52	52	53	53	53	53	53	54	55	56	56	57	57	57	56	56	56	56	56	57		53.7
IRVINGTON																																	
4 INCHES	MAX	58	58	55	56	54	59	55	55	56	56	56	54	58	57	60	60	60	64	64	64	65	65	66	66	61	61	62	63	64	65		59.9
	MIN	54	54	54	54	49	54	52	52	55	55	54	52	54	56	56	56	57	57	62	62	62	64	64	60	56	58	59	59	59	60		56.7
20 INCHES	6 PM	49	49	49	49	50	49	49	50	50	50	50	50	50	51	51	51	51	51	53	54	54	54	55	55	56	55	55	55	55	55		51.8
LEXINGTON CAMPUS FARM																																	
BARE GROUND																																	
1 INCHES	MAX	65	61	62	59	46	67	61	64	69	75	73	74	72	68	69	71	55	79	75	76	75	82	75	65	66	69	70	78	80	80		69.4
	MIN	40	36	47	46	40	36	38	53	50	48	39	41	48	52	42	40	49	53	51	57	51	55	52	45	39	42	48	43	51	49		46.0
2 INCHES	MAX	62	58	60	58	48	63	59	62	66	70	69	70	68	65	66	68	54	75	72	73	75	87	77	62	63	66	67	74	76	76		67.0
	MIN	43	38	49	48	41	39	39	53	51	48	41	43	49	54	44	41	50	53	53	58	53	56	55	47	41	44	50	45	51	51		47.6
4 INCHES	MAX	58	54	56	56	51	57	56	59	62	64	62	73	68	61	61	62	54	63	66	68	69	70	67	59	59	61	63	67	69	69		62.1
	MIN	46	41	49	51	43	41	42	53	52	50	45	46	50	55	47	45	51	53	55	59	55	58	59	51	45	47	52	49	53	53		49.9
8 INCHES	MAX	54	51	53	55	53	51	52	55	57	57	57	57	58	58	56	57	54	61	61	63	63	64	63	59	56	57	58	60	62	63		57.5
	MIN	50	45	49	53	46	44	45	52	52	52	48	50	51	55	51	49	53	53	56	59	57	58	59	55	50	51	53	52	55	56		52.0
SOD																																	
1 INCHES	MAX	56	52	54	56	52	53	52	55	57	58	58	58	58	58	58	58	54	62	61	62	62	63	62	59	57	58	59	61	62	61		57.9
	MIN	49	47	50	52	47	46	46	52	53	51	49	50	52	55	51	49	53	54	55	58	56	57	58	54	50	51	53	52	55	54		52.0
2 INCHES	MAX	55	52	52	55	53	53	52	54	56	57	56	57	57	57	57	57	54	61	60	61	62	62	62	58	57	57	58	60	61	60		57.1
	MIN	50	48	40	52	48	47	46	52	52	51	49	50	52	55	52	50	53	54	55	57	56	57	58	54	51	51	54	52	55	54		51.8
4 INCHES	MAX	54	51	52	54	53	51	51	54	55	56	55	56	56	56	56	56	54	60	59	60	60	61	61	59	56	57	57	58	60	59		56.2
	MIN	50	47	50	51	48	47	47	51	52	51	50	51	52	54	52	50	53	53	55	56	56	57	56	54	52	52	54	53	54	55		52.1
8 INCHES	MAX	52	51	51	53	53	50	50	52	53	53	53	53	54	56	54	53	53	58	56	58	58	58	59	57	56	55	56	57	57	57		54.5
	MIN	51	49	50	51	48	48	48	50	51	52	51	52	52	54	52	52	53	53	55	56	56	57	57	56	54	53	54	54	53	55		52.6
20 INCHES	7 PM	49	49	49	50	49	49	49	50	50	53	51	51	51	52	52	52	52	52	53	53	54	54	55	55	55	54	54	54	55	55		52.0
40 INCHES	7 PM	46	47	47	48	48	48	47	48	48	50	48	49	49	49	50	50	50	50	50	51	51	51	52	52	52	53	53	53	53	53		49.9
MAYFIELD RADIO WNGO																																	
4 INCHES	MAX	60	60	58	58	57	56	57	57	57	58	61	62	63	62	62	63	61	67	65	69	68	65	66	65	65	64	65	67	66	65		62.3
	MIN	55	55	55	57	53	52	52	55	55	55	55	56	60	61	56	57	56	57	-	65	64	64	64	60	60	59	64	61	61	61		58.1
20 INCHES	5 PM	54	50	53	54	55	53	52	52	53	53	53	54	55	55	55	56	55	57	55	59	59	59	60	60	61	59	59	59	59	60		55.9

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
PRINCETON 1 SE																																		
4	INCHES	MAX	56	57	53	55	56	54	55	55	57	58	6D	61	62	58	59	60	6D	66	68	65	66	67	64	65	62	62	61	63	64	65		6D•5
		MIN	50	51	51	53	49	47	49	50	54	52	5D	54	56	57	51	52	56	57	61	61	59	62	62	61	52	55	58	55	58	57		54•7
20	INCHES	5 PM	51	51	51	51	52	50	5D	50	51	52	52	53	54	54	54	54	54	55	56	57	57	58	58	58	57	57	57	57	57	58		54•2
QUICKSAND																																		
4	INCHES	MAX	59	59	57	57	56	59	60	59	58	60	60	62	63	64	64	63	64	64	65	65	67	68	70	68	63	62	58	63	64	62		62•1
		MIN	53	48	52	56	53	48	5D	55	55	54	52	50	53	57	56	52	55	55	57	60	64	60	6D	58	52	52	56	54	57	56		54•7
20	INCHES	4 PM	52	52	52	52	52	52	52	52	53	53	53	52	54	55	56	55	56	56	56	57	57	58	59	58	57	57	57	57	57	57		54•9
SANDY HOOK 5 NE																																		
4	INCHES	MAX	59	57	55	55	55	55	57	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	•
		MIN	54	5D	53	55	53	49	49	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	•
20	INCHES	6 PM	51	51	51	53	52	52	5I	51	52	52	53	53	53	54	54	55	55	55	55	55	56	56	57	57	57	56	56	56	56	56		54•0
SOMERSET 2 N																																		
1	INCHES	MAX	58	57	54	55	54	59	59	57	57	62	62	62	62	61	61	62	61	66	61	65	67	68	68	65	62	62	6D	65	65	65		61•4
		MIN	5D	48	5D	54	51	47	54	55	53	52	5D	51	54	57	52	50	55	55	58	6D	58	58	62	58	53	54	57	55	58	55		54•1
4	INCHES	MAX	57	58	52	53	54	57	58	56	56	60	6D	6D	61	6D	60	61	6D	64	65	65	65	66	68	65	63	62	60	62	64	62		60•5
		MIN	52	50	51	52	52	49	5D	55	54	55	52	52	55	58	49	52	56	56	60	63	59	59	63	59	55	55	58	56	6D	57		55•1
2D	INCHES	6 PM	51	52	51	52	52	52	52	53	53	53	54	54	54	54	54	54	54	55	56	57	57	58	58	58	58	58	58	58	58	58		54•9
WILLIAMSTOWN 3 NW																																		
4	INCHES	MAX	56	55	51	54	54	51	51	54	55	55	55	56	57	57	57	57	57	59	59	60	61	62	62	61	56	56	58	59	6D	60		56•8
		MIN	51	5D	51	51	50	48	48	5D	52	52	50	52	54	57	53	53	54	54	56	58	58	59	61	56	53	53	55	55	56	57		53•6
20	INCHES	6 PM	48	48	48	48	49	49	48	49	49	49	5D	5D	5D	51	52	52	52	52	52	53	54	54	55	55	55	54	54	54	54	54		5I•4

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN S.J. PREP SCHOOL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	2ERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	2ERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	1D PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	2ERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	2ERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

OBSERVATIONAL TIME FOR SOIL TEMPERATURES SAME AS LATE AFTERNOON AIR TEMPERATURE TIME.

EXTREMES

HIGHEST TEMPERATURE PIKEVILLE	89	DATE	20
LOWEST TEMPERATURE VANCEBURG	23	DATE	07
GREATEST TOTAL PRECIPITATION RUSSELLVILLE	9.02		
LEAST TOTAL PRECIPITATION VANCEBURG	.51		
GREATEST 1 DAY PRECIPITATION RUSSELLVILLE	5.20	DATE	04

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
AOOISON OAM 45	0031	02	BRECKINRIOGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEEPS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMEPSLEY
ASHLANO	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLANO WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BAROSTOWN S J PPEP SCH	0397	02	NELSON	8	37 48	85 28	631	5P	5P		GH	ST. JOSEPH PREP. SCHOOL
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			COPPS OF ENGINEERS
BAXTEP	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMEP NOLAN
BEAVER OAM	0490	01	OHIO	3	37 25	86 52	441	6P	6R		H	E. G. YOUNG
BENTON	0611	01	MAPSHALL	9	36 51	88 20	390				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MAOISON	4	37 34	84 18	1070	5P	5P		C GH	BEREA COLLEGE
BEREA	0624	03	MAOISON	4	37 34	84 18	1000		7A			MPS. PUSSELL S. WALTERS
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EOWAROS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MIO	MIO		H	FEO. AVIATION AGENCY
BRADFOROSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			OR. OAVID O. ORYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERPY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EOWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE	1256	02	TAYLOR	3	37 20	85 21	771	6P	6P		GH	ALVA MC KINLEY
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBEPT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	COPPS OF ENGINEERS
CECILIA	1406	02	HAROIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNT2
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNOATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALOWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEEPS
COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MIO	MIO		C HJ	U.S. WEATHER BUREAU
CUMBERLANO	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLANO FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. OEPT. OF CONS.
CUMBERLANO GAP PAPK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBEPLANO GAP NATL PK
CYNTHIANA	1998	03	HAPRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CAROINAL OAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
OAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MPS. EVA M. OAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	450		6P			JOE RAY ALLEN
OEWEY OAM	2180	04	FLOYO	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEEPS
OIX OAM	2214	03	MEPCER	4	37 48	84 43	870	4P	7A	7A		PHILLIP O. THACKER
OUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
OUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MPS OALMAS GIVENS
OYER	2391	02	BRECKINRIOGE	3	37 43	86 13	793				C	LENA BLAIR
EOMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TOOO	2	36 47	87 10	520		6A			S. PICHARD ANOERSON
FALMOUTH 5 WNW	2775	03	PENOLETON	5	38 43	84 25	715	6P	7A			FPANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLO WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHEP
FLEMINGSBUPG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		C G	WILLIAM H. FISCHER
FORO LOCK 10	2953	03	MAOISON	4	37 54	84 16	660		7A			CORPS OF ENGINEEPS
FOROS FERRY OAM 50	2961	01	CRITTENOEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			KENTUCKY UTILITIES
FRANKFOPT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORRS OF ENGINEEPS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWAPO B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MPS ALTA S. GOOSLIN
FRENCHBUPG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATEP WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			WILLIAM F. BPAMBLETT
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEEPS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYO E. HANSON
GLASGOW	3241	02	BAPREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RAOIO STATION WKAY
GLENOALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLOEN PONO 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBUPG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWAPD PICKETT
GREENSBUPG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MPS. LILLIAN WAGNER
HARTFORO 6 NW	3652	01	DHID	3	37 32	86 54	429		8A			OAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARO WATER WORKS	3714	04	PEPPY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENOERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNOON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLO EVERETT
HIGH BRIOGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HOOGENVILLE-LINCOLN N P
HORKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYOEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MPS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIOGE	3	37 53	86 17	650	6R	6P		GH	WAYOE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHEP	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARO	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELO	4703	02	GRAYSON	3	37 29	86 18	642	6P	8A			CLYDE STIFCLEATHEP
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WEASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYO GPEENUP DAM	4848	04	GPEENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONOON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FEO. AVIATION AGENCY
LOUISA 2	4946	04	LAWPENCE	1	38 07	82 38	664		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFEPSON	7	38 14	85 46	462	MID	MIO		C	LOUISVILLE G.+E. CO.
LOUISVILLE WB AP	4954	02	JEFFEPSON	7	38 11	85 44	477	MID	MIO		C HJ	U.S. WEATHER BUPEAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORRS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARO	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	IR		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYO	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRAITON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
ME7A	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIOOLESBOPO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIOWAY	5407	03	WOOOFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG 2 N	5430	03	NICHOLAS	5	38 19	84 09	810				C	BLUE STAR NURSERY
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FREO CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	116	5P	5P			WILLIAM M COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	578		7A		C	JOE M. SLAYDEN
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EOMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL 2 WNW	6013	04	CARTER	7	38 19	83 12	895				C	GEORGE E. DUVAL
ONEIOA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	OAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL O. CLARK
OWENSBORO OAM 46	6096	01	OAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGEP A REOMON
PAOJCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PAOUCAH	6115	01	MC CPACKEN	7	37 06	88 37	340	5P	5P			PADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARAOISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		7A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PPINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
OUICKSANO	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMONO	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. MERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEEPS
ROUGH PIVER OAM	6988	02	BPECKINRIOGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MPS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOOOFOPO	4	37 56	84 49	490		7A			CORPS OF ENGINEEPS
SALYEPSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GAPDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	WM C JARRELLS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MPS. IOELL F. DEERING
SEBREE	7234	01	WEBS7EP	3	37 36	87 32	360		9A			ORLANDEP C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIPGIL O. CROUCH
SHEPHEROSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMI7HFIELO 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6R	6P		GH	RAOIO STA WSFC
SPRINGFIELO	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EOWARD GRIFFITH
SUMMER SHAOE	7800	02	METCALFE	3	36 53	85 43	864	6R	6P		H	CHAS. H. MC MUPTREY
TATHAM SPRINGS	7924	02	WASHINGTON	8	37 52	85 09	670				C	CHARLIE S. KAYS
TAYLORSVILLE	7948	03	SRENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARP
TILFORO	8019	04	PERRY	4	37 02	83 04	1630		8A			MRS. KATHLEEN H. PETEPS
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONPOE	3	36 43	85 43	930				C	PALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANOERSON	4	38 02	84 51	524		7A			CORRS OF ENGINEERS
UNIONTOWN OAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLANO OAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORRS OF ENGINEERS
WAYLANO 1 S	8482	04	FLOYD	1	37 25	82 48	880				C	JAMES D. BPADLEY
WAYNESBUPG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIOOER
WEST LIBERTY	8551	04	MOPGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. MELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLO R. CONNLEY
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEEPS
WOOOBUPY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

B "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-5/29/68-840

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C R SMITH, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
MAY 1968
Volume 63 No. 5

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UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BAROWELL 4 E	76.5	54.2	65.4		87	2	34	6	63	0	0	0	0	6.63		2.31	10	.0	0		8	5	2
BEAVER OAM	76.8	53.3	65.1		88	2	32	6	78	0	0	1	0	9.02		2.75	26	.0	0		11	7	3
FOROS FERRY OAM 50	75.0	54.7	64.9		88	15+	40	6	78	0	0	0	0	4.50	.72	2.45	11	.0	0		9	2	1
GILBERTSVILLE 1 SE	78.2M	55.4M	66.8M		89	15+	37	6	45	0	0	0	0	5.64		1.18	11	.0	0		9	6	1
GOLOEN PCNO 8 N	75.1	55.4	65.3		88	3	40	6	76	0	0	0	0	6.03		1.49	11	.0	0		8	6	2
GREENVILLE 2 W	76.1M	53.8M	65.0M	- .6	86	2	33	6	74	0	0	0	0	7.06	2.98	1.02	26	.0	0		13	6	1
HENOERSON 7 SSW	75.0	54.1	64.6	- 1.6	88	2	35	6	82	0	0	0	0	4.40	.17	1.07	11	.0	0		10	3	1
HICKMAN 1 E	77.5	55.2	66.4		88	25	34	6	54	0	0	0	0	5.20		1.48	10	.0	0		7	4	1
HOPKINSVILLE	76.6	51.7	64.2	- 2.5	90	3	38	6	91	1	0	0	0	9.84	5.63	2.58	14	.0	0		11	5	4
LOVELACEVILLE	75.7M	53.3M	64.5M	- 2.7	86	15+	33	6	83	0	0	0	0	5.67	1.41	1.58	10	.0	0		9	5	1
MAOISONVILLE 1 SE	76.6	53.7	65.2		88	2	35	6	68	0	0	0	0	6.25		1.70	11	.0	0		12	5	1
MAYFIELO RAOIO WNGO	79.6M	56.0M	67.8M		89	25+	40	22+	49	0	0	0	0	7.37		1.70	10	.0	0		10	5	3
MURRAY	73.9	55.5	64.7	- 2.9	85	26+	38	6	76	0	0	0	0	7.21	3.03	3.12	14	.0	0		10	4	2
OWENSBORC 2 W	75.0	54.6	64.8	- 1.3	88	2	40	6	68	0	0	0	0	5.69	1.50	1.25	11	.0	0		12	4	2
PAOUCAH FAA AIRPORT	74.2	55.3	64.8		86	15	35	6	80	0	0	0	0	6.28		2.11	10	.0	0		9	5	2
PAOUCAH	76.3	54.3	65.3		87	2	37	6	59	0	0	0	0	5.84	1.44	1.50	25	.0	0		10	4	3
PRINCETON 1 SE	76.5	54.8	65.7	- 1.0	87	15+	36	6	67	0	0	0	0	6.13	2.16	1.21	11	.0	0		10	4	2
ROCHESTER LOCK 3	73.8	53.5	63.7		84	26+	34	6	95	0	0	0	0	6.07		1.05	14	.0	0		11	6	1
RUSSELLVILLE	75.0	51.4	63.2	- 3.2	86	26+	31	6	109	0	0	1	0	7.43	3.67	1.16	14	.0	0		12	9	2
OIVISION			65.1	- 1.5										6.43	2.22			.0					
* * *																							
CENTRAL 02																							
ANCHORAGE	73.5	52.2	62.9	- .8	85	15	35	6	105	0	0	0	0	6.94	2.84	2.73	26	.0	0		9	3	2
BAROSTOWN S J PREP SCH	75.7	53.6	64.7		85	16+	34	6	81	0	0	0	0	6.53		1.40	27	.0	0		10	5	2
BARREN RIVFR RESERVOIR	75.3	52.1	63.7		87	16+	35	7+	105	0	0	0	0	9.23		1.68	4	.0	0		12	6	4
BOWLING GREEN FAA AP	75.2	54.4	64.8	- 2.4	87	2	38	6	85	0	0	0	0	10.36	6.59	2.51	25	.0	0		13	9	3
BRAOFOROSVILLE	74.2	51.7	63.0		85	26	30	6	109	0	0	1	0	8.09		2.09	27	.0	0		10	7	2
CAMPBELLSVILLE 2 SSW	74.9	53.6	64.3		85	25+	34	6	87	0	0	0	0	9.76		2.80	26	.0	0		13	7	3
CECILIA	74.9	52.5	63.7	- 1.1	85	3+	32	6	98	0	0	1	0	7.35	3.22	3.05	26	.0	0		10	7	1
CLERMONT 1 SSE	74.9	52.0	63.5		86	3	34	6	102	0	0	0	0	6.33		1.76	26	.0	0		11	6	1
GLASGOW WKAY	75.5	53.7	64.6		86	25+	35	6	86	0	0	0	0	10.28		2.45	26	.0	0		13	6	3
GREENSBURG	75.4	51.9	63.7	- 1.9	88	3	34	6	103	0	0	0	0	11.27	6.99	3.09	27	.0	0		12	7	3
HOOGENVILLE-LINCOLN NP	75.2	52.1	63.7		85	17+	32	6	94	0	0	1	0	5.98		1.49	26	.0	0		11	5	1
IRVINGTON	74.1	53.8	64.0	- 1.8	85	2	33	6	90	0	0	0	0	6.17	2.06	2.15	26	.0	0		11	3	2
LEITCHFIELO 2 N	74.6	54.4	64.5	- 1.5	84	14+	38	6	83	0	0	0	0	6.85	2.73	1.74	27	.0	0		11	4	2
LOUISVILLE	76.0	56.6	66.3		87	15	42	6	52	0	0	0	0	5.41		1.66	26	.0	0		9	3	3
LOUISVILLE WB AP R	72.2	54.6	63.4	- 1.0	84	15	35	6	98	0	0	0	0	5.16	1.26	1.00	26	.0	0		10	4	1
MAMMOTH CAVE PARK	75.6	51.9	63.8		86	2	30	6	102	0	0	1	0	10.54		2.40	26	.0	0		13	7	3
NOLIN RIVER RESERVOIR	74.5	55.0	64.8		88	4+	37	7+	91	0	0	0	0	9.21		3.25	26	.0	0		11	7	3
ROUGH RIVER OAM	73.7	51.7	62.7		87	3	32	6	122	0	0	1	0	5.83		1.67	26	.0	0		11	4	1
SCOTTSVILLF 3 SSW	74.9	54.9	64.9		86	15+	37	6	77	0	0	0	0	9.21		2.38	26	.0	0		12	7	2
SUMMER SHAOE	74.2	53.1	63.7		85	25+	35	6	97	0	0	0	0	8.15		2.36	26	.0	0		12	6	2
WOLF CREEK OAM	75.5	48.5	62.0		86	16	33	6	113	0	0	0	0	7.65		1.92	25	.0	0		12	5	2
OIV15ION			63.9	- 1.7										7.92	3.93			.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	73.7M	54.6M	64.2M	- 1.4	84	15	34	6	87	0	0	0	0	6.06	2.27	1.40	27	.0	0		11	4	1
CARROLLTON LOCK 1	73.0	51.9	62.5		82	16+	34	6	103	0	0	0	0	6.10	2.60	1.50	24	.0	0		13	4	1
COVINGTON WB AIRPORT R	70.5	50.9	60.7	- 1.8	82	15+	36	6	151	0	0	0	0	9.48	5.89	2.24	23	.0	0		11	5	4
CYNTHIANA 2	73.0	50.4	61.7		83	16	30	6	137	0	0	2	0	9.16		3.28	24	.0	0		10	6	2
OANVILLE	72.9	52.0	62.5		84	3	34	6	119	0	0	0	0	7.24	3.28	2.94	27	.0	0		9	5	2
OIX OAM	73.6	52.6	63.1		83	15+	33	6	102	0	0	0	0	6.71		2.05	27	.0	0		11	3	2
FALMOUTH 5 WNW	72.7	48.8	60.8		83	15+	26	6	155	0	0	1	0	8.63	4.75	2.92	24	.0	0		12	6	2
FARMERS 1 WNW	72.4	51.1	61.8	- 2.7	84	15	31	6	126	0	0	1	0	7.13	3.07	1.78	25	.0	0		13	5	2
FLEMINGSBURG 1 SW	71.1	51.3	61.2		82	3	30	6	137	0	0	1	0	8.64		1.77	24	.0	0		14	7	3
FRANKFORT LOCK 4	73.0	51.2	62.1	- 2.4	85	2	34	6	124	0	0	0	0	6.05	2.12	.93	24	.0	0		11	5	0
LEXINGTON WB AIRPORT R	71.2	52.9	62.1	- 2.4	82	3+	34	6	124	0	0	0	0	6.87	3.02	1.58	26	.0	0		13	5	3
MAYSVILLE SEWAGE PLANT	71.7	50.0	60.9	- 2.7	84	16+	36	7+	149	0	0	0	0	8.41	4.71	2.59	24	.0	0		11	3	2
MOUNT STERLING	71.9	52.9	62.4		82	15+	32	6	108	0	0	1	0	6.93	2.96	1.57	24	.0	0		10	7	2
OWENTON 2 S	73.2	48.3	60.8		83	15+	29	6	153	0	0	1	0	7.52		1.95	23	.0	0		12	5	3
RICHMONO	72.5	51.7	62.1		83	16	31	6	128	0	0	1	0	7.53		2.21	27	.0	0		13	4	2
SHELBYVILLE	71.1	50.5	60.8	- 3.6	82	16+	35	6	150	0	0	0	0	6.35	2.34	.92	27	.0	0		11	5	0
WARSAW MARKLANO OAM	71.1	49.3	60.2	- 3.3	85	15	34	7+	165	0	0	0	0	8.85	5.21	2.45	24	.0	0		12	7	2
WAYNESBURG 7 NE	72.5	51.6	62.1		83	15+	35	6	131	0	0	0	0	7.23		1.76	26	.0	0		14	6	2
WILLIAMSTOWN 3 NW	71.4	51.8	61.6	- 3.1	81	15+	38	6	129	0	0	0	0	6.98	3.02	1.39	23	.0	0		9	4	4
OIVISION			61.8	- 3.0										7.47	3.58			.0					
* * *																							
EASTERN 04																							
ASHLANO	72.6	47.1	59.9	- 5.5	85	4	28	7	168	0	0	3	0	6.27	2.32	1.45	27	.0	0		14	4	2
BARBOURVILLE	76.4	49.7	63.1		86	26+	33	8+	114	0	0	0	0	6.95		1.40	15	.0	0		10	6	3
BAXTER	74.3	48.3	61.3		86	26	31	7	147	0	0	1	0	4.23		.76	27	.0	0		10	4	0
BLAINE 2 W	M	M	M		85	4				0	0		0	5.44		1.84	18	.0	0		5	3	3
CUMBERLANO	74.2	48.8	61.5		85	25+	27	7	137	0	0	2	0	4.69		.83	27	.0	0		10	4	0

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 52

CLIMATOLOGICAL DATA

CONTINUED

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	75.7	48.3	62.0		88	16	30	7+	124	0	0	3	0	4.88		1.15	27	.0	0		10	4	1
GRAYSON 3 SE	72.6	47.7	60.2		84	16+	28	6	162	0	0	2	0	5.81		1.20	24	.0	0		12	3	2
HEIDELBERG LOCK 14 R	75.7	50.2	63.0		85	3	31	7	108	0	0	2	0	4.35	.66	1.05	15	.0	0		9	2	1
HINDMAN 11 NNE	75.3	47.0	61.2		85	16+	30	7	144	0	0	3	0	4.55		1.00	27	.0	0		11	3	1
HYDEN	75.8	48.0	61.9		86	26+	33	8+	133	0	0	0	0	5.01		1.25	15	.0	0		11	2	2
JACKSON	74.5	48.9	61.7		85	4+	31	7	135	0	0	2	0	4.76		1.08	25	.0	0		8	3	2
LONDON FAA AP	72.7	49.7	61.2		83	3	31	6	149	0	0	1	0	5.22		1.07	14	.0	0		10	4	1
MANCHESTER 4 SE	75.2	50.3	62.8		84	24	30	7	118	0	0	2	0	7.21		1.66	30	.0	0		11	6	2
MC KEE	72.5	47.0	59.8		84	16+	28	7+	187	0	0	3	0	8.34		1.36	25	.0	0		11	7	3
MIDDLESBORO	74.2	49.5	61.9		85	26	32	7+	133	0	0	2	0	4.70		1.52	14	.0	0		9	4	1
MONTICELLO	75.3	52.3	63.8		86	25+	32	6	94	0	0	1	0	7.85		1.94	25	.0	0		10	5	3
MOUNT VERNON	74.9	52.2	63.6		86	15	30	6	98	0	0	1	0	7.67		2.10	26	.0	0		12	3	2
PIKEVILLE	77.5	51.3	64.4		89	15	32	7	77	0	0	1	0	4.99	.98	1.14	14	.0	0		9	3	3
SOMERSET 2 N	75.1	50.3	62.7		85	15	31	6	110	0	0	1	0	8.49		2.05	24	.0	0		15	5	2
STEARNS	72.4	51.0	61.7		84	26+	35	6	145	0	0	0	0	6.78		1.49	30	.0	0		10	6	2
TOMAHAWK 1 WSW	73.3	46.0	59.7		85	4	28	7	175	0	0	3	0	5.39		1.23	27	.0	0		14	5	1
VANCEBURG	70.5	45.6	58.1		84	2	25	6	217	0	0	3	0	7.99	3.90	1.90	24	.0	0		9	7	3
WEST LIBERTY																							
WILLIAMSBURG 1 E	76.5	52.2	64.4	- 1.9	85	25+	33	6	98	0	0	0	0	4.50	.47	1.02	30	.0	0		11	3	1
DIVISION			61.8	- 3.6										5.92	1.94			.0					

SPECIAL WEATHER SUMMARY

It was a rainy and cloudy month, with temperatures on the cool side. Depending on location, days with measurable rain (0.01 inch or more) ranged from about 12 to about 20; cloudy days from about 15 to 20. At least in the north-central and northern Blue Grass sections, these were about twice the long-period averages for a May. In the northern Blue Grass and south-central sections, where rainfall ranged from 3 to 7 inches above average, a May as wet occurs less often than 5 out of 100 years. Several locations had rainfall totals exceeding the previous record amounts.

A 2- to 3-week dry spell over much of the State came to an end May 8-12 when rain fell on most areas. This was followed by almost 3 weeks of more wet weather which damaged a number of crops. Heavy rains toward the end of the month caused the Ohio River to rise above flood stage along its entire length, with the river at the end of the month still in flood over much of its length. On the Ohio River at a number of locations, including Cincinnati and Louisville, the water crept to the highest levels on record for so late in the season.

The Kentucky Crop and Livestock Reporting Service reported that "Corn and soybean losses were especially heavy, with thousands of acres of corn-land under water. Especially hard hit were the Ohio River lowlands from Daviess County on downstream to Fulton County on the Mississippi River." There was some flooding along the Green River, a tributary, in western Kentucky. The U. S. Dept. of the Interior Geological Survey reported that, "At the index stream-gaging station Green River at Mundfordville, Kentucky, the maximum daily discharge was the highest for May in nearly 40 years of record." In eastern Kentucky on another tributary, Licking River, the water rose to near flood stage at Cynthiana.

The month was marked by a number of storms. Two persons were injured by lightning on the 13th, another on the 24th. A funnel cloud aloft was seen near Benton on the morning of the 13th, and on the afternoon of the 26th a tornado demolished a barn in Warren County.

Frost was observed at scattered locations in the eastern half of the Commonwealth on one or more of the dates, 5th through the 7th.

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These notes highlight several noteworthy weather events and were compiled before weather data processing for this publication was completed. For further details see the accompanying tables. Also see this month's issue of STORM DATA for more details of the storms noted above and additional storms. For additional details concerning river and flood conditions, see the May and June 1968 issues of CLIMATOLOGICAL DATA NATIONAL SUMMARY.

DAILY PRECIPITATION

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	6.63								T	.07	2.31	.86	.02	.53	.27		.63	.03					.08	.01	.15	1.34	.02			.31		
BEAVER DAM	9.02									.69	.55	.74		.13	1.01		.32	.02	.45					.09	.10	.04	2.75	1.47	.06	.58	.02	
CALHOUN LOCK 2	6.28									.59	.76	1.36	.12		.53		.30		.38	.02		T		.10		.42	.90	.22	T		.58	
COBB	5.12			T						.87	.36	1.15	T		.70	T	.28		.32					T		.30	.86	T	T		.28	
DAWSON SPRINGS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNDEE 4 ESE	7.04									.85	.24	1.10			.85		.30		.38				.12		.05	1.56	.96		.25	.38		
DUNMOR	6.59				T					.55	.14		.75	.51	.85		.25	T	.23					.12		.53	1.05	.92		.49	.20	
ELKTON 2 S	5.89				.17					.72	.72	.58	.19	T	1.50		.31		.30					.02		.34	.49	.19			.36	
FORDS FERRY DAM 50	4.50									T	.01	2.45	.10	T	.44		.13		.14			T		.30		.04	.53	T		.11	.25	
FRANKLIN 1 E	8.20				.02					.38	.08	.37	.48	.14	1.86		.25		.59			.09		.02		.65	2.13	.62		.03	.49	
GILBERTSVILLE 1 SE	5.64		T		T		T			.27	.86	1.18		.77	.28	T	.67	.02	.18		T	T	.04		.70	.55	.05		T	.07		
GOLDEN POND 8 N	6.03									1.04	.51	1.49	.06		.75	T	.16		.42					.04		.70	.74		.04	T	.08	
GREENVILLE 2 W	7.06			T	T				.05	.77	.13	.87	.17	.40	.84		.80	.02	.39				.02	.13	.19		1.02		.08	.84	.34	
HARTFORD 6 NW	6.91									.76	.74	1.07	.18	.12	.42		.21		.31				T	.16	T	.08	1.99	.11			.76	
HENDERSON 7 SSW	4.40			T						.07	.85	1.07		.29				T		.10	.04		.17	.34	.13	T	.88	.12		.30	.04	
HICKMAN 1 E	5.20									.03	1.48	.68	.03	.97	.42		.40	T	.08				.03		.65	.35	.08			T		
HOPKINSVILLE	9.84									.52	.40	1.11	.40		2.58		.17		.37			.03		.02		1.70	1.80	.30			.44	
LOVELACEVILLE	5.67										1.58	.85	.08	.66	.24		.71						.10	.05	.20	.95				.25		
MADISONVILLE 1 SE	6.25				.02					.82	.23	1.70	.11		.95		.55		.34			.03		.15		.25	.33	.10		.67		
MAYFIELD RADIO WNGO	7.37									.18	1.70	.99		1.65	.31	T	.33	.05	.13				.02	T	1.00	.61	T			.40		
MURRAY	7.21				.10					.51	.25	1.07	.09		3.12		.28		.44					.02		.34	.40	.01			.58	
OWENSBORO 2 W	5.69									.32	.03	1.25	.10		.32		.05		.15	.32				.15	.55	.05	1.23	.73		.24	.20	
OWENSBORO DAM 46	5.80									.21	.16	1.12	.20		.26		.04		.20	.29		.03		.12	.19	.38	1.53	.72		T	.34	.01
PADUCAH FAA AIRPORT	6.28			T					T	.04	2.11	.66		.44	.25	.74		.03	T		T		.11		.68	1.10			.02	.10		
PADUCAH	5.84									T	1.46	1.21	.10	.40	.23		.57	T						.12	.15	1.50	.10			T		
PARADISE STEAM PLANT R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCETON 1 SE	6.13				T				T	1.01	.36	1.21		.80	.32		.85	.05	.34		.03	T	.04	.08	.24		.47			.33		
ROCHESTER LOCK 3	6.07				.05					.33	.06	.65	.15		1.05		.73		.44	.05		.03		.10		.11	.58	.86		.02	.86	
RUSSELLVILLE	7.43				.22					.50	.55	.61	.51		1.16	.01	.22		.55	.02			.05			.10	.78	1.15		.08	.92	
SEBREE	4.50									.42	.48	1.00	.07		.40			T	.15					.15	.09	T	1.21	.03		T	.50	
UNIONTOWN DAM 49 //	4.45									T	.02	2.45	.06		.17		.03	T	.11	.05		.03		.25	.25		.52	.03		.04	.44	
* * * CENTRAL 02																																
ADDISON DAM 45 //	7.78									.74	.93	1.08	.52		.14	.03	.11		.30	.27				.13	.40	.30	1.65	.90	.02		.26	
ALBANY 4 N	8.30				.37						.19	.12	.04		.83		.34		.11							3.12	2.51	.36			.31	
ANCHORAGE	6.94			.02					T	.40	.05	.84	T		.22	T	.10	T	.40			.06	.03	1.49	.40	T	2.73	T	.04	.16	T	T
BARDSTOWN S J PREP SCH	6.53				.22				.02	.46	.06	.58	.17	T	.38	T	.07	T	.86	.01				.31	.68	T	1.22	1.40		.08	.01	
BARREN RIVER RESERVOIR	9.23				1.68					.35	.16	.23	.09	.08	1.38	.08	.23		.48	.03				.25		.67	1.59	1.32			.61	
BOWLING GREEN	11.86			1.35						.53	.25	.38	1.30		1.72		.40		.80					.04		.87	2.75	.47			1.00	
BOWLING GREEN FAA AP	10.36		.02	.90					.59	.19	.32	.55		.91	1.17	T	.32	.03	.64				.03		.47	2.51	1.15		T	.56		
BRADFORDSVILLE	8.09				.60				.18			.40			.80		.06		.75	.05					.65	.12	1.82	2.09			.57	
BROWNSVILLE	10.86				.53					.58	1.42	.42	.47		.80		.57		.60			.03	T	.05		.95	1.82	1.74		.03	.85	
BURKESVILLE 2 W	6.73				.41					.11	.08	.11	.10		.68		.50		.20							1.65	2.12	.35			.42	
CAMPBELLSVILLE 2 SSW	9.76		T	.02	.28				.30	.18	.31	.41	T	T	.71		.14	T	.67	.05	T	.03		.05	1.26	.52	2.80	1.20	T	.83	T	
CANEYVILLE	6.98				.08					.47	.17	.91	.35		1.02		.43		.43	.11				.08		.22	1.38	.91			.42	
CECILIA	7.35		.05		T				.02	.55	.08	.82		.19	.52			.75	.50					.18	.50		3.05		T	.14		
CLERMONT 1 SSE	6.33				.17				.03	.59	.04	.71	.26		.34		.11	.02	.50	.04	T			.32	.53	.01	1.76	.78	.05	.04	.03	
EDMONTON	7.78				.65					.70	.10	.25	.20		1.28	.05	.20		.25							.92	1.78	.82			.58	
GAMALIEL 1 S	7.64			T	.26					.60	.13	.12	.07		.77	T	.30	T	.38	.01		.03		T		.70	2.10	1.94		T	.23	
GLASGOW	9.04				.55					.66	.08	.20	.17		2.18		.29	.58						.06		.90	1.65	.90			.82	
GLASGOW WKAY	10.28				.67				.76	.12	.18	.47		.23	2.04		.28	.03	.47					.03	1.34	.06	2.45	.22		.93		
GLENDALE 1 E	6.12		.05		.19					.36	.08	.52	.44		.54	.05	.06		.68	.07			T	.09	T	.76	1.00	.98	T		.25	
GREENSBURG	11.27				.34					.50	.20	.30	.04		.89	.08	.13		.57	.12				.02		1.84	2.28	3.09		T	.84	.03
GREENSBURG HIWAY 61	9.91				.22					.46	.32	.25	.03		.93	T	.12		.46	.11				.04		1.44	2.33	2.47		T	.73	
HODGENVILLE-LINCOLN NP	5.98				.24				.06	.29	.03	.80	.01		.72		.05	.10	.72	.05	T	.07		.07	.78		1.49	.15		.23	.12	
IRVINGTON	6.17				.03					.87	.09	1.02	.10	T	.16	.03	.03	T	.39	.17	.01	T	T	.35	.25	.01	2.15	.08	T	.14	.29	
LEITCHFIELD 2 N	6.85				.09					.39	.20	.68	.45		.74		.18	T	.47	.07		T		.04		.44	1.13	1.74		T	.23	
LIBERTY	8.22	T			.61					.20	.20	.25	.32		.48	.20	.08		.41	.15		.02		.08		1.57	1.28	1.73			.62	.02
LOUISVILLE	5.41				.06				T	.27	T	1.23	.10		.10				.26	.05				1.09	.21		1.66	.29	T	.09	T	
LOUISVILLE WB AP R	5.16			.05					T	.29	.23	.75	.03	.08	.01	T	.09	.11	.25	.01	T	T	.04	.76	.31	.96	1.00	.01	.03	.15	T	
LOUISVILLE UPPER GAGE	6.66		.04		.35					.23	.14	.53	.73	.01	.09		.12		.27	.08		T		.31	1.35	.62	.85	.83	.01	.05	.05	
MAMMOTH CAVE PARK	10.54				.49				.31	.32	.35	.55	.35	T	.89		.39	.02	T			.86		.05	T	1.60	2.40	.52		T	1.44	
MILLERSTOWN	7.22				.36					.72	.02	.41	.41	.11	.77	.04	.10	.26		.51						.63	1.50	1.30	.04	.04	T	
MUNFORDVILLE	8.77			T	.22					.41	.22	.37	1.20		.78	.04	.17	T	.71	.17				.05		.35	1.87	1.36	T	.02	.83	
NOLIN RIVER RESERVOIR	9.21				.20					.64	1.05	.30	.25		1.00		.72		.78					.08		.51	3.25				.43	
ROUGH RIVER DAM	5.83									.40	.37	.92	.08		.72	T	.10		.32	.05		.03	T	.10	T	.35	1.67	.62	T		.10	
SCOTTSVILLE 3 SSW	9.21				.37				.60	.19	.04	.57	.09	.29	.83		.32	.05	.59	.06					2.05		2.38	.26		.52		
SCOTTSVILLE 2 SW	7.31				.37					.35	.03	.18	.20	T	1.18	T	.25		.55			T				1.25	1.75	.95		T	.25	
SHEPHERDSVILLE	-				.02					.27	.23	.75	.17	.07		.10			.43				T	-	-	-	-	-	-	-	-	-
SUMMER SHADE	8.15				.43				.75	.06	.06	.72	.34	.11	.70	T	.30	.02	.29				.05		1.23		2.36	.14	.02	.57		
WOLF CREEK DAM	7.65			.22	.31					.08	.21	.12	T	.28	.97	.07	.53		.20	.02				.05		1.92	1.86	.31			.50	
WOODBURY LOCK 4	7.45				.36					.71	.47	.75	.31		.76		.49			.47		.01		.09		.40	.90	1.04		.01	.68	
* * * BLUE GRASS 03																																
BEREA COLLEGE	6.06		T	.14	.73				.28	.07	.03	.40			.40				.64	T	.40		T	.01	.33	.05	.95	1.40	T	.23		
BEREA	5.84		.02		.86					.28	.02	.27	.15	T	.07	.32	T	T	.51	.15	T			T	.01	.36	.93	1.32		.07	.46	.04
CARROLLTON LOCK 1	6.10									.29	.33	.72	.5[illegible]	T	.12		.07		.43	.08	.02			.49	1.50	.10	.62	.32	T	.19	.30	.02
COVINGTON WB AIRPORT R	9.48			.46					T	1.30	.04	1.31	T	.04	.22	T	.02	.07	.33	.01	T		.06	2.24	2.02	.13	.57	.21	T	.45	T	
CYNTHIANA	8.66				.09					.09	T	.30	.76	.06	.04		.04		.79	.17		T		.35	1.62	1.27	.56	2.26	T	.04	.22	
CYNTHIANA 2	9.16				.10					.15		.60	.55	.02	.03		.03		.93						3.28		.60	2.52	.10	.25	T	
DANVILLE	7.24		.03		.67					.16	T	.47	.05		.06	.16	.03		.55	T		.03	T	.02	.04	.81	1.01	2.94			.21	
DIX DAM	6.71		.03		.26					.17	.04	.49	.44	T	.10	.09	.05		.45		.04				.27	.97	1.08	2.05		.12	.04	T
FALMOUTH 5 WNW	8.63				.03					.07	.56	.41	1.04		.04		T		.24	.31	.02	T	.05	.59	2.92	.77	.17	.86		.35	.13	.07
FARMERS 1 WNW	7.13				.31					.12	T	.32	.25	.02		.15	T		.56	.04		.12		.21	.73	1.78	.60	1.60	T	T	.26	.06
FLEMINGSBURG	8.94				.32					.36	.05	.24	.88	.25	T	.02	.12		.17	.40		.05		.32	1.76	1.26	.65	1.45	T	.22	.28	.12
FLEMINGSBURG 1 SW	8.64				.42				.26	.10	.02	.65	.54		.02		.12		.71		T			1.30	1.77		1.14	.98	.18	.28	.15	
FORD LOCK 10	6.49				.16					.28	.10	.46	.24	.02	T	.12	.08	T	.50	.08		T	T	.02	.31	.68	.94	1.89		.24	.36	.01
FRANKFORT LOCK 4	6.05		T		.10					.08	.03	.47	.49	.02	.13	.02	.04		.82	T	T	T		.22	.93	.79	.81	.83	T	.22	.05	T
GEORGETOWN WATER WORKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEST LOCK 3	6.64				T					.18	.03	.50	.53	T			.04		.53	.03	T	.05		.34	1.78	.70	.65	.60	T	.16	.52	T
HIGH BRIDGE LOCK 7	5.47		.09		.32					.24	.08	.55	.18	T	.02	.16	.05		.35	.08				T	.35	.48	.93	1.48		.06	.02	.03
KEENE 1 SSW	7.74				1.22					.32	.09	.72	.19			.12		.06	.74						.46	.84	1.10	1.38		.46	.04	T
LA GRANGE 1 ESE	6.70		.10	T	T				T	.34	.02	1.10	.03		.11		.10	.04	.43	.06	T	.17		1.64	.64		1.39	.13	.05	.25	.09	.01
LANCASTER	7.24		.07		.80					.15		.40		.09	.11	.16			*	.76						.79		3.30		.23		.38
LEXINGTON WB AIRPORT R	6.87		T	.10					.13	.16	.14	.56	.30	T	.19		.08	.03	.58	T	.02		.01	1.00	1.33	.29	1.58	.01	.35	.01	T	
LITTLE HICKMAN LOCK 8	8.01		.09		.78					.12		.49	.11		T	.09	.08		.72						.14	1.15	1.29	2.65		.13	.11	.06
LOCKPORT LOCK 2	8.07				.11					.24	.06	.58	.52	.02			.09		.38	.03		.06		.41	1.71	.92	.91	.66	T	.13	1.20	.04
MAYSVILLE SEWAGE PLANT	8.41				.02					.37	.38	.25	.82		.03	T	T		.03	.06	T	.06		.48	2.59	.45	.35	2.00		.22	.25	.05
MIDWAY	5.80				.17					.02	T	.50	.41						.75				.15		.87	.62	1.00	.93		.38		
MOUNT STERLING	6.93			.15					.32	.07	.65	1.02			.09		.05		.61		T			.83	1.57		.57	.84	T	.13	.03	
OWENTON 2 S	7.52			T	.10				T	.43	.32	1.22	.04		.02		.05	T	.38	.04	T	.12		1.95	.69	.01	1.05	.30	.03	.59	.16	.02
RICHMOND	7.53		T		.90					.33		.28	.20		.11	.07	.05		.48	.03		.09			.15	1.07	.97	2.21		.26	.23	.10
SALVISA LOCK 6	7.95		.18		.22					.23	.05	.38	.61	.01	.03	.23	.14		.66	.05		T		T	.58	1.19	1.26	1.99		.08	.06	T
SHELBYVILLE	6.35		T		.05					.18	.03	.53	.42		.05		.09		.48	T	T			.17	.86	.72	.90	.92	T	.49	.45	.01
SPRINGFIELD	5.30	T								.53			.36	.34	.16		.31		.51							.52	1.42	1.15				T
TAYLORSVILLE	5.49				.17					.10	.18	.72	.40		.05	.07			.60					.03	.42	.27	1.18	1.30				
TYRONE LOCK 5	7.88		.05		.13					.13	.09	.60	.39	T	.03	.18	.07		.64	.07	T	T		.02	.98	.38	1.22	2.29	.02	.36	.19	.04
VALLEY VIEW LOCK 9	6.92				.27					.12	.05	.58	.24	.01	.01	.10	.05		.66	.02		T			.18	.43	1.10	2.94	T	.15	.01	T
WARSAW MARKLAND DAM	8.85									.30	.89	.55	.72		.07	.11	.04		.40	.06		.08		.60	2.45	.37	.61	.42	T	.07	1.11	

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	7.23		.05		.30					.71	.16	.31	.08		.55	.20	.10		.50	.10						.48	1.76	1.15	T	.14	.64	
WILLIAMSTOWN 3 NW	6.98			.01	T				T	.47	.31	1.03	.02		.02		.01	T	.45	.03	.01	T		1.39	1.35	T	1.14	.14	.06	.45	.09	
* * *																																
EASTERN 04																																
ASHLAND	6.27				.45					.18	.07	.32	.25	.11	.07	.24	T		.51			.02	.02	.20	1.10	.10		1.45	.70		.15	.33
BARBOURVILLE	6.95		.08		.93						.06	.08	.08	.54	.08	1.40	.12		.07	.30		T				1.12	T	.59		.13	1.16	.21
BAXTER	4.23		.11		.62		T			T	.01	.03	.19	.26	.03	.68	.07	.04	.15	.07	T	.01		.01		.65		.76		.06	.32	.16
BLAINE 2 W	5.44																		1.84						1.70			1.35	.20		.35	
BUCKHORN	4.56		T	T	.32					.45	.04	.15	.09	T	.10	1.30	T		T	.17	T	T	T	T	T	.67		.52	T	T	.62	.13
BURDINE 2 NE	4.95				.20								.40		.22	1.03										.55		1.20	.70		.55	.10
CLAY CITY 1 WNW	5.95				.30					.40	.06	.30	.24			.20	T		.70						.20	1.30	.80	1.35				.10
COLLEGE HILL LOCK 11	7.07				.97					.35	T	.39	.11	T	.08	.20	.03		.70	.07		T			.27	1.09	.94	1.35	T	.08	.38	.06
CUMBERLAND	4.69		.06		.50	.03				T		.27	.55		.82		.02	.03	.42	.03	.03				.20	.46	.06	.83	T	.15	.23	
CUMBERLAND FALLS ST PK	7.56				1.06					.05	T	.08	.35	T	1.45	.16	.17	.06	.40			.10		T	1.00	.19	.60	.38		1.20	.29	.02
DEWEY DAM	4.88				.40					.05	.05	.06	.20		T	.65		.03	.10	.25	.10			T	.06	.58		1.15	.05		.95	.20
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOURMILE KY UTIL PARK	5.25		.07	.31	.56		.01				.02	.06	.08	.13	.07	.89	.19		.06	.17		.06				.83		.57		.15	.86	.16
FREEBURN 2 SW	6.66						.28				T	.01	.16	.26	T	.83				.64	.06	.05				.64		1.05	1.55		.65	.48
FRENCHBURG	5.70									.77	.11		.01					T	.61					.02	.4	1.00	.62	1.08	.03	.02	.55	.48
GRAYSON 3 SE	5.81				.29					.17	.02	.22	.25			.16			.34	.04		.09		.30	1.20	.91		1.18	.05		.47	.12
HAZARD WATER WORKS	4.59				.27					.04		.05	.11	.22	.09	1.31			.13	.27		.09				1.21		.57			.23	
HEIDELBERG LOCK 14 R	4.35		.03		.49					.46	T	.43	.03		T	1.05	T		.10	.07		T			T	.70	.16	.45			.38	T
HINDMAN 11 NNE	4.55				.22							.11	.10		.10	.90	.04			.34		.10		.04		.90	.07	1.00			.36	.27
HYDEN	5.01		.08		.27		.02			.05	.05	.10	.15	.40	.13	1.25	.03		.11	.21		.04				1.16		.43		.01	.45	.07
JACKSON	4.76		.07		.34					.42	.02	.22	.04			1.04	.04		.09	.27		T		T		1.08		.59		.07	.46	.01
JEREMIAH	1.00												.10		.30				.10						.3			.20				
LLOYD GREENUP DAM	7.27	T			.66					.14	.16	.21	.53	.34		.05		T	T	.50	.03	.16		.30	1.21	.50		1.43		T	.83	.22
LONDON FAA AP	5.22	.06		.40	.07	T			.24	.02	T	.22	.28	.04	1.07		.10	T	.17		T		T	T	.9		.62		.09	.86	.02	
LOUISA 2	6.58				.14					.25	.05	.14	T	.48		T	.02	.62	T	.25				.18	.66	1.27	.02	.96	1.02	.05	.36	.11
MANCHESTER 4 SE	7.21				.53					.25		.11	.09	.75		.83	.06		.10	.50						1.39		.43		.47	1.66	.04
MARTIN	6.47				.45							T	.35		T	1.50			.18	.35					.12	.92		1.08	.15		.67	.70
MC KEE	8.34	T			.41					.67	.01	.26	.08		1.14	1.20	.05		.09	.12				T		1.36	.86	.94	T	.26	.86	.03
MIDDLESBORO	4.70				.09							T	.14	.12	1.52	.71	.26	.02	.24	.03		T				.46		.53	T	.07	.51	T
MONTICELLO	7.85				.41						.13	.19	.08	.09	1.52	.70	.25		.13	.02				.02		1.94	1.46	.09			.82	
MOUNT VERNON	7.67		T		.48				.20	.25	T	.42	T		1.17		.08	T	.44		T	T		T	.82	.43	2.10	.49		.35		.44
ONEIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAINTSVILLE 1 S	4.69				.32				.20			.28				.65				.42	.08				.10	.40	.16	1.30	T		.72	.06
PIKEVILLE	4.99				.15	.04				.03		.09	.15		1.14			.04	.27	.03	.10				1.04		.05	1.08	.04	.25	.49	
RAVENNA LOCK 12	7.53				.52					.51	.02	.40	.04		T	.45	.04		.72	.13		.03	T		.14	.90	1.69	1.60	T	.06	.23	.05
SALYERSVILLE 2 SE	4.15				.37					.28	.02	.16				.75				.35	.06					.55		.76	.05		.74	.06
SOMERSET 2 N	8.49		.11		.66				.25	.42	.47	.22	.19		1.16		.48	.04	.12			T	.03	.03	2.05	.36	.89	.45	T	.53	.03	T
STEARNS	6.78				.50							T	.43		.22	.93	.29			.62						.85	1.20	.25			1.49	
TILFORD	5.24	.05			.94							.05	.55	.10	.70	.16	.07			.21	.02	.04				.74	1.09			.08	.34	.10
TOMAHAWK 1 WSW	5.39				.31					.12	.07	.12	.16			.54	T		.53	.20	.07	.11		.02	.26	.50	.05	1.23	.13		.70	.27
VANCEBURG	7.99		.03	.03					.62		T	1.60	.51		T		.04		.53	T	.04	T		1.00	1.90		.38	.90		.33	.08	
WEST LIBERTY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILLIAMSBURG 1 E	4.50				.28							.09	.13		.11	.70	.18		.06	.17		.02				.96	.16	.41		.21	1.02	
WILLOW LOCK 13	4.98		.02		.59					.47		.39	T		.05	.46	.02		.17	.11		.01			.03	.75	.50	.68	T	T	.71	.02

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	22	2.2	8.6	26++	27	16	75	80	57	62	6	6	6	1	2	2	23	-	7.6
LEXINGTON WB AIRPORT	20	3.7	9.1	29++	18	23	76	82	61	63	4	6	8	2	3	0	23	-	7.3
LOUISVILLE WB AIRPORT	25	2.8	8.6	29	SW	11	81	83	62	64	5	9	6	3	1	0	24	45	7.3

DAILY TEMPERATURES

KENTUCKY
MAY 1968

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	85	87	84	78	72	71	77	77	76	70	71	73	73	80	86	80	72	72	70	68	72	69	82	82	85	75	73	77	74	78	82	76.5
	MIN	56	50	59	54	45	34	49	60	63	56	59	58	58	62	68	61	53	46	50	45	43	43	57	65	62	61	53	50	56	50	54	54.2
BEAVER DAM	MAX	85	88	87	78	72	68	77	74	76	75	74	73	76	84	86	85	78	71	70	68	69	72	80	80	85	83	67	75	72	74	78	76.8
	MIN	53	50	63	56	43	32	43	55	60	55	58	58	53	64	69	63	56	47	47	43	42	42	54	68	60	63	55	50	53	51	46	53.3
FDROS FERRY DAM 50	MAX	85	88	84	75	82	69	77	78	76	64	67	70	70	82	88	78	64	72	63	67	69	70	82	77	82	79	69	75	70	73	80	75.0
	MIN	58	55	64	53	42	40	46	62	62	54	60	58	58	63	68	62	50	48	51	48	45	46	57	62	59	59	55	51	53	54	53	54.7
GILBERTSVILLE 1 SE	MAX	86	89	85	79	73	71	78	77	75	74	73	74	72	81	89	85	78		73	69	72	70	82	83	86	80	79	78	74	78	82	78.2
	MIN	56	54	64	54	44	37	51	60	61		61	59	59	63	67	62	61	47	48	47	45	43	57	68	62	63	55	51	56	51	55	55.4
GDLOEN POND 8 N	MAX	81	85	88	83	74	62	69	76	74	75	66	74	73	73	80	87	78	73	71	65	67	68	70	80	83	84	79	68	75	72	75	75.1
	MIN	59	55	65	58	46	40	49	51	61	56	56	60	59	64	65	63	60	48	49	47	47	48	50	67	62	63	56	52	55	52	55	55.4
GREENVILLE 2 W	MAX	84	86	84	78	72	68	74	72	74	74	74	73	74	81	85	83	76	69		69	68	70	78	79	84	82	76	73	70	73	79	76.1
	MIN	53	50	65	53	43	33	45	60	62	55	60	58	55	64	69	63	54	47		45	41	42	54	67	59	63	55	50	52	49	48	53.8
HENDERSON 7 SSW	MAX	86	88	83	76	68	68	76	75	76	73	69	71	68	83	87	80	67	71	66	66	70	69	79	75	80	79	73	76	73	75	78	75.0
	MIN	57	53	65	50	42	35	46	62	62	54	57	58	55	63	68	63	50	47	47	45	45	43	55	65	59	63	56	51	57	54	50	54.1
HICKMAN 1 E	MAX	85	87	83	80	72	72	77	76	77	70	74	74	74	80	86	79	77	73	71	69	71	66	83	85	88	80	76	79	77	78	85	77.5
	MIN	47	55	65	56	47	34	47	60	63	58	59	58	61	62	67	66	55	44	51	46	47	44	61	61	63	62	54	53	59	52	54	55.2
HDPKINSVILLE	MAX	82	86	90	85	78	63	70	78	74	75	68	76	77	75	83	88	80	72	72	66	70	73	69	81	86	85	79	70	77	72	76	76.6
	MIN	43	51	51	56	43	38	39	44	57	57	57	58	58	59	62	62	59	46	46	45	44	43	45	64	60	60	54	51	51	50	50	51.7
LDYELACEVILLE	MAX	84	86	81	75	70	71	77	76	75	70	70	72	73	80	86	77	74	71	66	67	75	68	80	80	85	78	71	76	79	77		75.7
	MIN	56	50	61	51	43	33	38	57	63	55	60	58	57	62	67	60	52	45	50	45	41	42	57	68	61	61	55	49	54	49		53.3
MADISONVILLE 1 SE	MAX	85	88	86	78	73	68	75	74	74	73	73	74	74	81	86	85	78	71	72	66	69	70	78	80	84	80	79	74	74	75	79	76.6
	MIN	54	51	65	53	43	35	45	57	60	53	59	57	55	63	68	63	51	48	48	47	43	43	54	70	60	63	54	51	51	52	48	53.7
MAYFIELD RAOID WNGO	MAX	84	87	86	82	75	71	80	78	78	72	75	77	76	83	89	86	84	79	73	70	74	76	80	85	89	80	76	79	79		85	79.6
	MIN	55	59	64	59	48	40	40	66	65	61	62	59	61	66	70	67	55	45	50	48	41	40	56	60	64	62	51	45	54		66	56.0
MURRAY	MAX	78	82	84	80	74	63	70	75	73	75	65	72	73	72	77	85	76	69	69	63	68	68	68	79	83	85	77	68	74	71	75	73.9
	MIN	56	56	60	58	45	38	44	52	61	61	61	59	61	64	65	63	62	48	50	48	47	46	52	66	62	62	57	53	56	54	55	55.5
OWENSBORD 2 W	MAX	82	88	85	76	70	73	77	73	73	71	68	72	73	82	86	80	73	70	67	67	69	70	77	75	84	76	71	75	70	74	79	75.0
	MIN	53	53	63	51	43	40	48	60	62	55	58	58	55	65	68	64	51	49	47	45	44	44	55	67	62	63	56	54	55	55	51	54.6
PADUCAH FAA AIRPDRT	MAX	84	85	81	75	62	70	74	76	75	63	67	72	72	80	86	76	65	71	65	67	70	69	81	79	83	77	71	75	72	77	80	74.2
	MIN	58	56	63	54	41	35	47	62	63	55	59	59	59	63	64	62	51	47	51	50	46	44	68	62	61	60	57	54	55	52	55	55.3
PADUCAH	MAX	85	87	86	79	74	69	76	78	75	74	69	70	71	80	86	79	77	71	71	68	70	70	81	81	84	75	73	76	74	76	80	76.3
	MIN	58	52	65	50	45	37	50	60	63	54	59	58	58	63	67	62	55	46	50	50	43	44	44	65	59	56	55	51	57	52	54	54.3
PRINCETDN 1 SE	MAX	83	87	85	81	73	69	75	75	73	73	71	73	72	80	87	86	77	70	70	66	69	70	80	80	86	81	77	74	73	75	80	76.5
	MIN	56	57	64	55	43	36	47	61	61	55	61	59	59	64	68	63	55	47	47	48	43	43	56	68	60	63	54	52	53	51	50	54.8
RDCHESTER LDCK 3	MAX	77	79	82	83	75	64	69	75	70	79	66	74	74	75	82	84	78	68	70	64	67	70	70	79	79	84	74	66	72	67	73	73.8
	MIN	54	52	52	54	46	34	39	49	61	58	58	60	56	58	66	64	58	48	49	47	45	44	49	68	61	63	56	52	54	54	50	53.5
RUSSELLVILLE	MAX	78	84	86	82	75	63	66	75	73	75	70	75	76	77	80	85	78	72	70	64	67	70	70	81	84	86	75	68	75	70	74	75.0
	MIN	51	50	51	51	42	31	39	46	60	58	59	60	57	60	65	62	57	47	43	45	40	40	40	60	61	62	55	51	52	51	46	51.4
* * *																																	
CENTRAL 02																																	
ANCHDRAGE	MAX	82	82	82	81	69	63	74	73	71	70	72	70	78	82	85	81	76	69	68	64	67	70	73	78	76	72	65	72	71	69	74	73.5
	MIN	50	49	60	49	42	35	43	43	59	54	57	59	51	63	66	65	52	48	48	42	42	43	53	64	59	62	57	54	50	52	48	52.2
BARDSTDWN S J PREP SCH	MAX	85	85	85	84	72	66	76	76	69	71	73	75	79	81	85	85	78	69	69	65	67	72	77	81	81	82	68	73	71	71	76	75.7
	MIN	49	49	58	51	41	34	43	58	61	56	59	60	52	65	67	66	54	49	49	44	45	41	57	66	62	64	56	52	52	54	47	53.6
BARREN RIVER RESERVDIR	MAX	79	84	87	85	74	62	66	78	73	72	71	74	78	78	82	87	79	73	71	65	68	70	73	74	86	86	71	68	75	70	74	75.3
	MIN	49	52	55	57	42	35	35	45	61	61	61	63	59	60	66	65	57	51	51	45	43	42	43	43	56	61	56	49	53	52	47	52.1
BDWLING GREEN FAA AP	MAX	85	87	84	75	63	66	76	70	72	72	78	77	77	82	86	78	73	69	66	67	69	71	81	85	85	73	68	76	66	75	80	75.2
	MIN	52	54	61	56	41	38	41	56	62	60	61	60	59	66	69	61	56	51	47	46	44	43	60	64	60	63	52	50	52	52	50	54.4
BRADFDRDSVILLE	MAX	77	83	83	84	75	65	63	76	74	68	67	73	78	80	81	84	79	70	68	71	67	70	71	79	76	85	72	68	74	68	72	74.2
	MIN	42	47	51	57	38	30	34	55	59	57	59	61	52	65	67	66	52	50	50	48	42	39	55	55	59	63	57	47	47	51	47	51.7
CAMPBELLSVILLE 2 SSW	MAX	83	84	84	80	69	65	75	75	66	68	71	75	78	81	85	84	77	69	67	66	67	72	78	78	85	80	70	73	71	70	76	74.9
	MIN	51	51	60	55	42	34	42	58	58	57	57	56	54	66	67	67	57	50	53	44	44	44	56	66	58	58	57	51	50	51	48	53.6
CECILIA	MAX	83	85	85	73	68	65	76	71	73	71	78	75	76	83	84	79	76	69	71	66	68	71	77	79	81	76	68	78	71	70	76	74.9
	MIN	47	50	56	51	40	32	40	56	59	52	58	66	53	64	66	65	52	49	50	41	44	41	53	66	60	63	54	50	50	52	46	52.5
CLERMDNT 1 SSE	MAX	85	85	86	81	75	64	73	76	70	71	75	76	71	81	84	85	78	68	69	64	63	71	75	80	80	80	63	73	73	73	75	74.9
	MIN	48	46	59	50	37	34	42	51	59	54	59	59	50	63	66	64	52	49	49	42	40	41	54	65	61	63	58	52	49	51	46	52.0
GLASGDW WKAY	MAX	83	86	84	76	68	65	76	72	70	70	74	76	78	81	86	82	76	70	70	68	67	72	81	83	86	83	66	74	68	72	76	75.5
	MIN	49	50	55	56	43	35	45	59	60	59	61	62	57	65	67	65	57	50	50	41	43	41	56	66	58	63	56	47	49	52	47	53.7
GREENSBURG	MAX	78	86	88	86	76	63	69	79	76	72	69	73	80	81	84	87	80	71	71	65	63	68	73	72	82	87	70	68	70	76	73	75.4
	MIN	47	51	53	57	43	34	37	44	59	58	59	61	56	58	65	67	57	52	52	43	46	42	45	45	55	60	57	49	52	56	49	51.9
HDDGENVILLE-LINCDLN NP	MAX	83	84	83	81	73	63	75	73	67	70	71	75	78	81	85	85	85	68	69	66	67	71	74	78	81	81	67	74	74	74	75	75.2
	MIN	48	52	50	52	38	32	42	54	59	56	58	59	55	64	61	65	55	49	47	42	44	42	54	61	62	62	54	50	49	53	46	52.1
IRVINGTDN	MAX	83	85	84	80	70	65	75	73	72	72	71	70	75	82	83	81	75	68	68	64	67	70	75	77	78	77	67	72	72	70	76	74.1
	MIN	54	53	65	52	41	33	45	60	59	55	58	58	54	66	68	64	54	48	48	44	43	42	54	66	61	63	54	53	56	51	47	53.8
LEITCHFIELD 2 N	MAX	82	84	84	75	69	64	75	73	72	65	75	72	76	84	83	82	75	69	69	66	68	71	79	79	83	78	68	74	70	72	77	74.6
	MIN	48	53	61	54	43	38	45	59	59	55	60	59	55	66	68	65	57	49	49	49	45	42	56	68	62	63	56	51	52	52	46	54.4
LOUISVILLE	MAX	85	86	86	83	75	65	76	76	75	75	71	73	78	86	87	86	79	71	70	66	70	72	72	79	76	79	67	73	73	71	74	76.0
	MIN	61	60	68	56	44	42	50	63	60	56	59	60	54	64	65	67	58	49	49	48	49	49	55	66	61	63	58	57	57	55	51	56.6
LDUISVILLE WB AP	MAX	83	82	83	72	61	63	75	71	72	64	72	70	76	82	84	78	64	69	61	66	68	70	77	77	77	68	65	74	70	71	74	72.2
	MIN	52	53	62	56	42	35	46	55	62	56	60	58	53	64	70	60	53	51	50	45	46	45	57	65	62	64	57	56	54	55	50	54.6
MAMMDTH CAVE PARK	MAX	84	86	84	79	72	65	75	75	70	70	74	76	77	82	84	85	78	68	67	68	67	72	80	81	84	84	65	74	69	72	76	75.6
	MIN	47	48	58	53	48	30	35	58	59	58	59	61	55	64	67	64	54	50	49	40	40	40	45	62	59	62	56	47	48	49	44	51.9

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NOLIN RIVER RESERVOIR	MAX	78	86	88	88	76	63	67	76	70	70	65	76	75	77	83	84	78	68	70	64	76	68	72	80	79	84	69	75	75	56	73	74.5
	MIN	53	50	60	57	44	37	37	50	62	60	63	61	58	66	70	65	56	50	52	43	44	43	67	69	64	63	56	51	56	50	49	55.0
ROUGH RIVER DAM	MAX	78	85	87	85	75	64	68	76	70	73	64	72	72	77	83	84	78	68	70	64	66	70	71	77	79	84	70	65	73	64	73	73.7
	MIN	50	55	55	54	42	32	35	47	61	54	56	58	54	55	65	64	56	47	47	44	43	42	45	65	61	62	54	53	51	51	46	51.7
SCOTTSVILLE 3 SSW	MAX	84	86	83	75	66	64	75	71	71	71	72	75	77	78	86	81	75	70	67	68	68	69	81	84	85	79	68	74	69	72	77	74.9
	MIN	56	55	57	56	46	37	46	58	59	60	61	61	60	65	68	63	59	49	45	45	44	46	57	65	60	63	55	51	53	53	50	54.9
SUMMER SHADE	MAX	84	84	81	73	67	66	76	72	69	69	72	76	78	80	85	78	79	69	66	65	66	71	80	83	85	73	66	73	68	71	74	74.2
	MIN	47	50	55	56	40	35	45	57	56	59	60	61	58	68	66	61	57	51	50	41	41	42	57	62	57	63	56	48	50	52	46	53.1
WOLF CREEK DAM	MAX	76	83	85	84	74	73	67	77	75	70	72	72	79	81	82	86	80	72	70	67	67	67	73	82	85	81	71	69	74	72	73	75.5
	MIN	40	46	47	53	39	33	37	49	54	51	52	52	50	54	53	58	50	53	47	42	43	42	47	54	54	52	55	50	47	51	49	48.5
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	83	83	83	70	67	61	75	76	68	69	74	77	78	80	84	81	76	68	65	64	66	66	77	76	81	78	71	70	71		74	73.7
	MIN	52	52	59	53	43	34	44	57	58	58	59	63	56	64	67	66	55	52	52		46	42	56	64	59	62	59	50	51		49	54.6
CARROLLTON LOCK 1	MAX	82	82	82	82	72	61	75	74	71	71	70	69	76	81	82	82	74	76	68	66	67	68	73	74	72	70	67	68	68	69	72	73.0
	MIN	45	45	54	49	41	34	41	53	58	52	57	60	48	59	65	67	52	48	49	44	41	43	53	63	59	62	58	54	51	54	49	51.9
COVINGTON WB AIRPORT	MAX	78	79	82	70	58	61	73	75	68	66	67	64	75	82	82	75	67	69	60	67	67	70	70	71	75	70	65	68	67	70	74	70.5
	MIN	46	43	56	47	43	36	40	55	56	50	57	51	46	60	65	57	51	49	48	44	43	43	54	61	57	64	55	53	50	52	47	50.9
CYNTHIANA 2	MAX	73	82	80	82	73	60	65	76	76	78	68	74	73	80	82	83	78	69	67	61	67	68	72	74	78	75	74	65	70	69	71	73.0
	MIN	40	42	52	49	41	30	32	46	59	53	58	60	46	52	64	68	50	50	50	42	40	38	54	62	60	62	60	55	47	55	45	50.4
DANVILLE	MAX	75	83	84	83	72	60	63	76	74	68	65	71	76	78	82	83	79	68	69	63	67	67	71	78	76	81	72	65	71	69	70	72.9
	MIN	51	51	51	51	41	34	36	42	58	58	58	58	53	54	65	65	55	51	50	45	45	44	46	65	62	62	58	52	51	51	50	52.0
DIX DAM	MAX	81	83	83	78	63	61	73	75	75	69	70	72	78	79	83	79	76	72	67	65	66	71	74	78	79	79	71	70	69	69	73	73.6
	MIN	49	50	55	53	40	33	38	53	58	56	57	60	53	63	65	66	54	45	51	43	45	43	56	63	61	62	57	53	50	51	48	52.6
FALMOUTH 5 WNW	MAX	80	81	82	78	68	61	74	74	69	68	70	70	76	83	83	80	74	69	68	66	67	70	71	75	74	73	68	71	68	68	74	72.7
	MIN	40	36	50	48	40	26	33	46	57	52	57	57	43	60	59	66	49	49	50	38	37	37	53	61	58	63	58	50	45	54	42	48.8
FARMERS 1 WNW	MAX	81	81	82	71	59	63	75	78	70	70	72	74	79	82	84	78	67	67	61	64	67	71	73	72	75	75	70	67	73	68	74	72.4
	MIN	40	44	48	50	43	31	38	47	59	57	58	62	50	59	59	67	52	53	47	44	40	39	53	61	60	62	60	52	47	54	47	51.1
FLEMINGSBURG 1 SW	MAX	78	79	82	74	62	60	73	75	66	67	70	70	76	80	81	77	70	65	65	64	67	70	72	75	73	74	67	67	68	66	72	71.1
	MIN	41	44	49	51	43	30	39	52	55	55	57	60	49	59	65	66	51	51	50	42	43	46	53	61	59	62	59	52	48	54	45	51.3
FRANKFORT LOCK 4	MAX	75	85	84	84	73	62	62	75	74	69	66	75	74	76	83	83	78	69	69	61	67	69	72	76	79	79	70	64	72	67	72	73.0
	MIN	45	46	51	49	42	34	35	43	55	57	57	60	50	55	64	68	52	50	50	44	43	44	45	60	61	62	59	54	51	52	48	51.2
LEXINGTON WB AIRPORT	MAX	82	81	82	71	60	61	75	73	66	65	73	72	77	79	81	76	68	66	59	63	66	69	76	75	74	71	64	69	68	70	75	71.2
	MIN	51	50	58	51	40	34	41	56	60	57	60	56	54	63	65	57	53	50	50	42	44	43	58	63	61	63	56	53	50	53	47	52.9
MAYSVILLE SEWAGE PLANT	MAX	70	77	80	84	76	57	63	75	75	69	69	61	71	77	82	84	80	75	67	61	65	67	71	73	75	75	74	68	68	67	67	71.7
	MIN	40	40	41	52	48	36	36	38	50	54	54	60	50	51	65	67	44	53	45	47	47	44	45	56	58	58	60	54	52	54	50	50.0
MOUNT STERLING	MAX	82	81	81	75	68	59	72	76	71	67	70	72	77	78	82	81	76	70	64	65	65	69	69	70	70	72	72	66	70	68	70	71.9
	MIN	49	48	58	52	42	32	38	51	58	57	59	61	53	60	65	67	57	52	51	43	44	43	55	61	60	62	59	52	50	53	49	52.9
OWENTON 2 S	MAX	82	81	83	80	70	64	75	74	69	68	69	70	78	82	83	82	76	72	67	66	66	70	71	76	76	71	67	70	67	70	74	73.2
	MIN	40	47	48	44	36	29	36	46	57	50	55	57	47	61	60	65	47	47	47	37	36	36	52	60	58	60	56	47	45	51	41	48.3
RICHMOND	MAX	74	82	82	82	62	59	62	74	76	68	68	73	78	78	80	83	79	70	68	60	67	67	71	76	75	78	75	67	70	72	70	72.5
	MIN	47	52	55	51	40	31	41	47	57	57	57	60	54	55	63	65	54	51	49	41	41	43	51	60	60	62	59	50	49	52	48	51.7
SHELBYVILLE	MAX	73	82	80	81	71	59	62	74	70	69	65	74	72	77	80	82	75	66	67	60	66	68	69	73	78	75	68	62	70	68	69	71.1
	MIN	48	47	50	51	40	35	36	42	58	54	54	59	52	53	64	65	53	49	49	43	42	42	43	59	59	59	58	54	50	52	47	50.5
WARSAW MARKLAND DAM	MAX	72	80	81	83	71	59	63	75	81	70	65	70	65	75	85	83	80	63	69	59	66	67	71	73	72	72	69	64	65	66	69	71.1
	MIN	44	43	43	51	41	34	34	44	44	46	54	59	48	50	62	65	53	50	50	43	43	42	43	55	60	59	61	54	52	52	48	49.3
WAYNESBURG 7 NE	MAX	82	83	83	69	66	61	75	76	66	67	70	75	78	79	83	81	70	66	61	63	64	68	78	76	82	80	65	70	68	69	73	72.5
	MIN	49	50	58	51	42	35	41	48	56	57	58	60	54	61	63	63	53	50	49	43	44	42	53	51	56	60	57	48	48	51	49	51.6
WILLIAMSTOWN 3 NW	MAX	81	79	80	75	67	60	73	73	68	65	70	70	74	80	81	79	74	67	63	66	67	70	72	76	70	70	65	70	68	68	73	71.4
	MIN	47	47	58	48	40	38	40	57	57	51	56	58	50	59	65	66	52	48	48	42	43	45	52	60	57	62	57	52	50	53	47	51.8
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	70	79	80	85	71	59	63	76	81	68	71	72	72	77	72	84	81	75	67	63	66	67	72	70	71	76	78	72	70	73	69	72.6
	MIN	43	35	40	47	43	30	28	30	48	51	51	59	46	48	56	60	50	50	46	46	42	42	45	52	56	57	61	52	50	50	46	47.1
BARBOURVILLE	MAX	74	82	85	84	72	63	69	76	79	72	73	70	80	84	82	86	80	70	72	70	75	69	72	82	85	86	78	80	72	73	72	76.4
	MIN	42	43	51	51	41	34	33	33	45	55	56	58	59	59	64	64	52	53	47	40	40	42	42	57	58	58	61	52	49	50	52	49.7
BAXTER	MAX	74	81	82	83	71	59	66	74	76	68	75	69	77	82	79	85	79	67	69	69	65	64	71	80	85	86	80	74	70	74	68	74.3
	MIN	39	39	49	50	40	33	31	33	45	50	55	57	59	59	61	60	50	49	46	44	43	41	41	51	57	54	56	53	51	50	51	48.3
BLAINE 2 W	MAX	71	84	82	85														67	68	65	66	68	73	70	65	78	78	70	72	75	70	
	MIN	31	35	35	42														44	45	39	35	35	37	47	50	60	60	50	38	38	45	
CUMBERLAND	MAX	80	82	82	70	62	65	74	77	70	73	72	78	81	80	82	79	71	72	69	65	65	72	72	85	85	77	75	72	73	66	74	74.2
	MIN	36	45	44	53	35	30	27	45	53	53	55	52	58	60	60	58	45	54	42	42	40	39	52	59	52	60	57	59	48	50	50	48.8
DEWEY DAM	MAX	73	84	85	86	74	58	67	78	84	70	72	73	81	82	75	88	83	74	70	68	70	70	76	78	65	84	82	75	75	78	70	75.7
	MIN	38	38	42	47	40	30	30	31	45	50	53	58	58	60	58	58	48	50	46	47	42	43	45	55	60	61	62	52	48	49	54	48.3
GRAYSON 3 SE	MAX	70	80	81	84	70	58	62	75	80	69	71	72	75	75	74	84	80	76	68	64	65	67	72	71	73	73	77	70	70	76	69	72.6
	MIN	38	36	45	52	44	28	30	33	50	54	56	59	50	50	56	63	48	48	45	44	43	37	44	54	58	56	61	52	48	51	46	47.7
HEIDELBERG LOCK 14	MAX	83	84	85	83	73	62	75	78	79	70	72	78	79	79	83	83	81	70	69	67	65	72	78	79	80	82	74	70	73	68	74	75.7
	MIN	39	47	48	55	39	32	31	42	56	53	58	58	55	61	62	62	48	55	46	42	43	39	55	55	57	61	61	50	46	53	48	50.2
HINDMAN 11 NNE	MAX	74	84	84	85	74	60	64	76	81	73	73	73	79	79	71	85	80	75	71	71	67	68	75	79	75	84	79	75	71	78	70	75.3
	MIN	39	44	46	51	38	31	30	31	43	50	51	57	57	59	59	60	48	43	44	43	42	40	40	54	56	56	60	45	46	45	50	47.0
HYDEN	MAX	74	83	84	85	72	62	65	80	79	73	73	72	80	82	80	86	81	70	69	72	67	74	72	74	84	86	81	74	70	76	69	75.8
	MIN	39	39	49	48	39	34	33	33	42	55	55	57	59	59	61	60	51	50	46	43	41	43	43	43	51	58	59	52	47	47	51	48.0
JACKSON	MAX	72	85	83	85	72	60	65	76	79	70	72	73	79	81	79	84	81	73	68	67	67	66	73	75	78	82	78	72	71	75	70	74.5
	MIN	39	41	46	49	41	33	31	32	44	54	54	58	57	59	61	62	50	51	47	43	43	42	42	56	58	59	62	53	48	49	51	48.9

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LONDON FAA AP	MAX	80	82	83	71	58	63	74	76	68	67	68	77	78	80	82	78	69	67	64	65	63	70	79	82	82	75	69	69	73	69	74	72.7
	MIN	42	49	51	42	37	31	35	49	57	56	59	59	57	63	64	54	51	47	46	43	42	39	57	58	54	62	53	47	43	50	45	49.7
MANCHESTER 4 SE	MAX	81	83	83	82	69	63	75	81	77	70	70	78	80	79	83	83	78	69	68	65	64	71	73	84	83	81	73	70	74	70	72	75.2
	MIN	40	49	47	59	33	32	30	40	53	55	56	58	56	69	62	61	58	56	45	40	41	40	52	53	56	63	59	50	45	50	51	50.3
MC KEE	MAX	74	84	83	84	68	56	62	75	79	69	70	68	76	77	80	84	80	70	68	62	64	65	68	78	78	81	74	64	70	70	67	72.5
	MIN	38	38	47	49	38	28	28	31	45	52	53	58	56	56	60	64	47	50	48	40	42	37	39	55	55	57	62	48	45	45	46	47.0
MIDOLESBORO	MAX	73	81	81	81	71	61	67	73	76	70	74	70	80	79	78	82	81	69	71	70	67	65	71	79	84	85	75	74	71	72	70	74.2
	MIN	42	49	48	48	38	32	32	33	44	56	56	58	60	61	63	62	51	51	44	47	44	41	41	60	56	58	60	51	50	50	50	49.5
MONTICELLO	MAX	81	83	82	77	68	66	77	77	69	72	72	77	81	82	86	80	74	68	68	66	66	73	80	85	86	76	70	72	71	72	76	75.3
	MIN	44	52	54	57	40	32	38	48	60	58	58	59	56	65	65	65	54	53	51	43	41	40	56	62	56	63	59	48	48	49	47	52.3
MOUNT VERNON	MAX	82	82	82	74	70	65	75	78	68	69	70	78	80	79	86	84	77	68	67	64	64	70	79	79	84	83	72	70	69	75	78	74.9
	MIN	48	50	61	53	43	30	43	50	57	56	58	61	54	61	66	64	52	52	50	43	44	39	55	63	54	61	58	46	50	45	52	52.2
PIKEVILLE	MAX	86	86	88	79	70	67	80	82	74	75	74	81	82	73	89	83	78	74	70	68	69	75	80	79	86	81	77	71	79	69	77	77.5
	MIN	40	45	50	57	40	36	32	44	56	52	58	59	58	60	59	63	50	58	46	50	43	43	54	54	59	61	60	53	49	47	54	51.3
SOMERSET 2 N	MAX	82	83	83	78	66	63	75	77	68	69	71	78	80	81	85	82	78	69	67	66	66	71	80	82	83	83	73	72	71	72	74	75.1
	MIN	38	50	48	55	41	31	41	54	55	55	50	55	55	60	64	56	53	54	47	44	45	38	58	58	54	54	57	48	42	51	49	50.3
STEARNS	MAX	71	79	75	71	70	65	64	65	68	72	70	70	73	78	81	83	79	70	67	64	66	70	71	80	84	84	73	63	71	72	75	72.4
	MIN	42	47	53	52	41	35	45	49	50	52	49	58	59	61	63	63	55	50	44	43	42	40	53	63	64	61	59	45	45	48	50	51.0
TOMAHAWK 1 WSW	MAX	72	83	81	85	72	58	63	74	80	70	71	72	78	79	72	83	81	73	68	67	66	66	72	72	70	79	80	72	70	75	69	73.3
	MIN	38	38	38	45	37	30	28	29	41	50	51	58	53	54	55	55	46	46	44	43	42	40	40	53	59	60	60	50	46	46	50	46.0
VANCEBURG	MAX	77	84	81	80	64	61	73	70	68	68	69	67	74	78	83	80	76	64	58	59	65	70	67	72	70	69	71	67	64	64	72	70.5
	MIN	34	31	45	37	35	25	27	54	51	49	54	57	46	54	53	60	45	49	41	39	36	35	49	57	55	57	57	48	42	50	42	45.6
WEST LIBERTY	MAX																																
	MIN																																
WILLIAMSBURG 1 E	MAX	83	85	84	82	72	69	70	75	74	73	74	80	79	82	84	82	80	73	71	67	67	71	82	85	85	84	72	70	71	70	76	76.5
	MIN	41	51	53	57	41	33	34	35	58	59	57	62	60	65	65	65	54	55	51	46	43	41	57	64	58	59	59	50	46	51	48	52.2

EVAPORATION AND WIND

Station		Day Of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * WESTERN 01																																	
MAOISONVILLE 1 SE	EVAP	.30	.37	.33	.29	.32	.16	.23	.26	.26	.19	.04	.06	.09	-	.26	.45	.33	.08	.17	.07	.37	.00	.37	.15	.15	.23	.25	.26	-	.23	.28	7.00B
	WIND	87	72	58	65	52	42	79	58	83	52	72	55	12	48	72	98	63	37	54	83	27	30	62	99	0	95	50	48	44	41	43	1781
	MAX	80	84	90	85	80	73	78	77	78	75	72	70	78	80	85	89	85	68	86	77	76	84	79	82	86	90	89	79	85	76	90	80.8
	MIN	48	54	56	58	47	46	45	51	58	58	59	58	62	65	62	60	65	49	50	46	50	50	53	61	64	63	58	56	55	55	55	55.4
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.32	.48	.25	.26	.19	.19	.32	.42	.16	*	*	.28	.12	.36	.06	.37	.29	.43	.03	.15	.15	.16	.21	.19	.16	-	-	-	.06	.08	.19	6.51B
	WIND	81	93	49	72	36	43	22	77	60	52	18	63	20	57	29	74	74	29	43	85	36	31	53	97	28	31	29	37	46	24	46	1535
WOLF CREEK DAM	EVAP	.19	.23	.24	.22	.15	.25	.19	.16	.10	.06	.06	.04	.08	.12	.17	.21	.25	.04	.08	.26	.12	.12	.15	.23	.10	-	.01	.13	.17	.14	.13	4.55B
	WIND	14	21	16	30	20	20	15	19	30	23	19	24	8	9	15	41	23	13	15	31	13	8	28	46	25	20	10	14	8	20	13	611
	MAX	65	61	69	64	61	60	50	63	76	70	70	62	64	68	70	75	65	80	80	77	74	71	82	77	76	71	63	63	82	72	81	69.7
	MIN	52	55	59	55	50	50	36	50	59	60	60	59	60	56	65	65	62	59	57	54	54	64	54	64	62	60	62	60	54	58	60	57.3
* * * BLUE GRASS 03																																	
OIX OAM	EVAP	.27	.33	.20	.46	.08	.12	.27	.23	.12	.06	.03	*	*	.41	.13	.15	.30	.12	.16	.21	.20	.16	.18	.07	.33	.65	-	.13	.25	.04	.20	6.06B
	WIND	82	84	29	84	32	56	50	54	52	46	30	50	46	33	33	44	65	44	50	105	75	46	42	49	29	58	42	38	23	48	50	1569
	MAX	78	83	90	90	84	66	77	81	77	68	66	-	81	88	87	89	86	75	80	67	72	73	83	72	72	84	72	67	76	72	72	77.6
	MIN	50	53	55	57	47	42	43	43	55	58	60	-	59	58	65	68	60	55	56	46	48	47	52	60	63	62	61	57	58	57	56	55.0
* * * EASTERN 04																																	
BUCKHORN	EVAP	.27	.23	.17	.31	.20	.11	.17	.15	.15	.09	.03	.07	.10	.16	.00	.10	.20	.15	.08	*	*	.41	.19	.22	.12	.16	.13	.10	.18	.14	-	4.54B
	WINO	68	68	30	75	29	39	21	23	33	38	8	41	28	11	21	34	65	16	34	81	28	18	19	70	45	15	18	37	13	44	24	1094
	MAX	-	-	-	-	-	-	-	79	81	70	73	73	82	89	80	90	82	74	75	70	71	70	84	77	76	95	84	79	78	80	70	78.4
	MIN	-	-	-	-	-	-	-	40	50	60	60	64	65	66	67	69	-	61	57	51	51	58	53	61	63	63	67	62	59	57	57	59.2
OEWEY OAM	EVAP	-	.10	.07	.29	.16	.11	.15	.12	.14	.04	.00	.07	.07	.14	.07	.11	.17	.05	.14	.12	.12	.07	.12	.06	.05	.11	-	.11	.11	.07	-	3.26B
	WINO	-	37	32	27	13	23	13	9	13	3	6	6	9	7	5	6	20	17	12	28	15	12	11	18	5	10	8	9	9	12	7	415B
	MAX	70	79	80	80	79	62	77	75	82	70	70	71	82	86	74	92	84	73	74	70	72	68	81	72	76	85	82	80	80	81	70	76.7
	MIN	56	46	51	50	45	43	40	40	51	58	57	62	63	63	64	64	59	58	55	52	51	51	52	55	53	59	66	61	58	50	58	54.5

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BARDSTOWN S J PREP SCH																																		
4	INCHES	MAX	73	75	75	75	74	70	71	75	66	65	66	71	73	75	77	77	78	73	74	69	69	72	72	72	75	77	71	74	74	70	75	72.7
		MIN	62	64	66	65	62	58	59	64	64	64	64	66	66	69	71	74	69	64	66	62	62	63	66	68	69	71	68	66	67	66	65	65.5
20	INCHES	5 PM	59	60	61	62	62	61	61	61	61	61	61	61	62	63	64	65	65	65	65	64	64	63	63	63	64	65	66	65	65	65	65	63.0
BEREA COLLEGE																																		
4	INCHES	MAX	62	62	63	64	64	60	60	60	60	60	62	64	66	69	68	69	69	68	68	69	66	65	68	68	68	68	68	66	66	-	66	65.2
		MIN	58	60	61	61	60	57	57	59	60	60	60	62	63	66	66	67	67	67	67	66	63	61	65	67	63	67	66	64	64	-	63	62.9
20	INCHES	5 PM	56	56	57	58	58	58	58	58	58	58	58	58	59	60	61	61	61	62	62	62	62	62	62	62	62	62	62	62	63	-	63	60.0
CAMPBELLSVILLE																																		
4	INCHES	MAX	65	68	69	68	69	63	63	63	63	62	62	67	68	70	73	73	74	73	74	73	73	72	76	73	73	74	74	67	63	66	74	69.2
		MIN	59	60	62	63	60	55	57	58	58	58	58	57	58	55	67	69	66	62	63	58	60	58	64	63	63	67	65	62	62	61	60	60.9
20	INCHES	6 PM	56	57	57	58	59	58	56	57	57	57	57	57	58	60	62	62	62	62	62	62	61	61	61	61	63	63	63	62	62	62	62	59.9
CUMBERLAND GAP PARK																																		
4	INCHES	MAX	63	64	65	65	65	62	62	63	62	63	62	66	68	68	71	71	70	66	67	64	64	65	67	69	72	72	72	71	71	68	69	66.7
		MIN	58	59	60	64	59	56	58	59	60	60	61	61	64	65	69	70	66	64	61	61	60	60	62	65	65	69	67	68	65	64	62	62.6
20	INCHES	5 PM	58	58	59	60	60	59	59	59	59	59	59	60	61	62	63	64	64	64	64	62	62	62	62	63	63	64	65	65	65	65	64	61.7
FLEMINGSBURG 1 SW																																		
4	INCHES	MAX	59	63	63	64	64	60	61	61	59	59	59	61	66	67	65	67	67	63	63	59	59	61	59	60	63	63	64	63	61	60	61	62.1
		MIN	51	53	56	57	56	51	52	56	57	56	58	59	57	62	63	64	62	60	59	56	56	56	58	58	60	62	62	60	59	59	58	57.8
20	INCHES	6 PM	52	52	53	54	54	54	54	54	54	54	54	56	56	56	58	58	59	59	59	59	58	58	58	58	58	58	60	60	60	60	59	56.6
GLASGOW WKAY																																		
4	INCHES	MAX	63	65	65	66	66	63	63	63	62	62	62	66	66	69	70	71	71	69	69	67	66	65	66	67	71	71	67	69	69	67	69	66.6
		MIN	58	60	61	63	60	57	58	60	62	62	61	62	63	66	68	69	67	65	64	63	62	61	63	65	65	67	67	64	65	64	64	63.1
20	INCHES	6 PM	55	56	57	57	57	57	57	57	57	57	57	58	59	60	62	62	62	62	62	62	61	60	60	61	62	62	62	63	62	62	62	59.7
GREENVILLE 2 W																																		
4	INCHES	MAX	71	73	75	73	74	70	71	70	67	68	68	71	73	74	78	78	78	74	-	-	71	77	69	71	70	77	73	72	73	73	75	72.7
		MIN	63	64	67	66	63	65	62	63	64	65	65	67	67	68	72	72	70	65	-	65	64	64	66	69	68	70	69	67	67	65	67	66.3
20	INCHES	5 PM	-	60	60	61	62	61	61	61	61	61	61	61	62	62	64	65	65	65	-	64	64	64	64	64	65	65	65	65	64	65	65	60.9
HENDERSON 7 SSW																																		
4	INCHES	MAX	65	67	68	68	66	66	65	64	66	66	64	66	66	69	72	72	72	68	68	66	66	66	66	67	69	70	70	69	69	70	71	67.6
		MIN	63	63	66	65	63	60	62	63	64	64	64	64	65	65	69	70	68	66	66	64	63	62	64	66	66	69	68	67	67	67	67	65.2
20	INCHES	6 PM	58	58	58	60	60	59	59	59	59	60	60	60	60	60	62	62	63	62	62	62	61	61	61	62	62	63	63	63	63	63	63	60.9
IRVINGTON																																		
4	INCHES	MAX	65	68	68	69	68	68	68	67	65	65	65	67	68	69	71	73	75	73	71	68	64	68	67	69	70	72	69	69	69	68	71	68.6
		MIN	61	65	63	65	63	59	61	64	64	64	64	65	66	67	69	70	64	66	68	64	62	64	65	66	68	69	68	67	67	67	66	65.2
20	INCHES	6 PM	56	56	56	57	57	57	58	57	57	57	57	58	58	59	60	61	61	61	61	61	61	61	61	61	61	62	62	62	62	62	62	59.4
LEXINGTON CAMPUS FARM																																		
BARE GROUND																																		
1	INCHES	MAX	86	89	84	79	68	79	83	77	64	68	71	75	79	79	82	80	71	76	65	68	72	80	68	77	81	74	71	75	69	71	81	75.5
		MIN	52	52	57	53	48	42	45	55	59	57	59	61	55	61	65	62	58	55	52	48	48	48	58	63	62	63	59	57	54	57	52	55.4
2	INCHES	MAX	81	84	79	76	65	76	79	74	63	66	68	73	77	77	79	78	70	73	63	65	71	76	65	73	78	73	70	72	68	70	79	72.9
		MIN	53	54	59	54	50	44	47	56	59	58	59	61	57	62	65	64	59	56	53	50	49	50	58	63	63	64	61	57	55	58	53	56.5
4	INCHES	MAX	73	76	73	71	66	69	72	69	62	63	65	69	72	73	75	74	67	69	62	63	66	70	63	69	73	70	67	69	65	67	73	68.9
		MIN	55	57	61	56	54	59	47	58	60	58	59	61	58	63	66	67	61	58	56	53	52	53	60	63	63	65	62	59	57	59	56	58.6
8	INCHES	MAX	66	68	67	66	65	62	64	64	61	61	63	65	67	68	70	70	66	65	61	61	62	64	62	66	68	67	65	65	63	64	62	64.8
		MIN	57	59	62	61	58	53	55	59	60	59	60	61	61	63	66	66	63	60	59	56	56	56	61	62	63	65	64	61	60	60	59	60.2
SOD																																		
1	INCHES	MAX	63	66	65	65	62	63	64	62	60	63	63	66	69	69	70	71	67	68	62	62	65	66	63	67	69	68	65	67	65	66	70	65.5
		MIN	55	56	59	59	46	53	53	56	59	59	60	61	60	63	66	66	63	60	60	57	57	51	60	63	64	64	63	61	60	61	59	59.2
2	INCHES	MAX	62	65	64	65	61	62	63	62	60	62	63	66	68	68	70	70	66	66	62	62	64	66	62	66	68	67	65	66	64	65	69	64.8
		MIN	55	57	58	59	56	53	53	56	59	59	60	61	60	63	65	66	63	60	60	57	57	52	61	62	64	64	64	62	61	61	60	59.6
4	INCHES	MAX	61	63	63	63	61	60	61	61	59	61	61	64	66	67	69	69	66	66	63	62	63	64	63	65	67	67	65	65	64	64	67	63.9
		MIN	55	57	58	59	57	54	54	57	59	59	60	61	60	62	64	66	63	61	61	58	58	58	61	62	64	64	63	62	62	61	61	60.0
8	INCHES	MAX	58	60	60	61	61	58	58	59	59	59	60	62	63	63	66	66	65	64	62	61	61	61	62	63	65	65	64	64	63	63	65	62.0
		MIN	56	57	59	59	57	56	56	57	58	58	59	60	60	62	63	65	64	62	60	60	59	59	61	62	63	64	64	63	62	62	62	60.3
20	INCHES	7 PM	55	55	56	57	57	56	56	56	57	57	57	58	58	59	60	61	61	61	61	60	59	62	60	61	61	62	62	61	62	62	61	59.1
40	INCHES	7 PM	53	53	53	53	54	54	54	54	54	55	55	55	55	55	56	56	57	57	58	57	57	59	57	58	58	58	59	59	59	59	59	56.1
MAYFIELD RADIO WNGO																																		
4	INCHES	MAX	70	72	71	70	70	70	70	69	70	68	69	71	68	74	76	78	76	73	72	72	71	68	66	70	79	76	75	75	75	-	76	72.0
		MIN	65	65	65	65	65	61	63	63	63	63	66	66	67	66	74	75	71	66	66	66	66	65	65	65	64	71	70	70	69	-	68	66.5
20	INCHES	5 PM	60	61	62	61	64	62	62	61	61	60	63	62	63	63	65	65	67	66	-	65	65	62	64	65	65	68	66	66	67	-	67	63.7

CONTINUED

EVAPORATION AND WIND

Station			Day Of Month																															Total or Avg.
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PRINCETON 1 SE																																		
4	INCHES	MAX	67	69	69	70	70	67	67	67	66	66	65	67	68	70	75	76	75	70	71	68	67	68	66	67	73	74	73	69	70	68	72	69.4
		MIN	60	60	64	63	60	57	59	62	63	62	63	63	64	65	68	70	68	61	63	62	60	61	62	66	66	68	67	64	65	63	65	63.4
20	INCHES	5 PM	59	59	60	61	61	60	60	60	61	61	61	61	62	62	63	65	65	64	64	64	63	63	63	63	63	64	65	65	65	64	64	62.4
DUICKSAND																																		
4	INCHES	MAX	63	67	70	69	71	63	65	65	68	64	65	69	70	72	73	74	74	67	69	66	65	67	68	66	73	75	72	72	70	70	70	68.8
		MIN	55	58	60	62	60	55	54	57	61	60	62	63	64	66	66	69	65	65	63	59	60	59	63	64	69	69	68	66	65	64	64	62.4
20	INCHES	4 PM	57	58	59	69	60	59	58	59	59	60	60	60	61	62	63	64	65	65	63	62	62	61	62	63	62	64	65	65	65	65	64	62.0
SANDY HOOK 5 NE																																		
4	INCHES	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	65	65	66	66	66	66	66	67	68	68	67	67	66	70	
		MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	65	65	65	66	66	66	61	62	65	65	62	62	62	63	
20	INCHES	6 PM	57	57	57	58	59	58	57	58	58	58	58	59	60	61	61	62	62	62	62	61	61	61	61	61	61	62	63	63	63	63	62	60.2
SDMERSET 2 N																																		
1	INCH.	MAX	65	67	67	67	67	63	63	63	63	62	62	66	68	69	71	74	74	75	69	68	68	70	75	75	75	75	71	71	76	69	71	69.0
		MIN	57	60	61	62	59	55	56	59	60	60	61	61	62	65	66	67	65	65	62	61	61	59	68	64	64	68	67	65	63	63	62	62.2
4	INCHES	MAX	63	65	66	66	66	63	63	63	66	63	63	65	66	67	70	72	72	69	68	67	75	67	74	74	73	73	70	73	70	67	70	68.0
		MIN	58	60	62	63	61	57	57	60	61	55	61	62	62	66	67	68	67	66	64	63	67	60	65	67	65	69	68	67	64	63	64	63.2
20	INCHES	6 PM	58	58	60	60	60	60	60	60	61	60	60	60	60	62	63	64	64	65	65	64	64	64	64	63	64	64	65	66	66	66	64	62.4
WILLIAMSTOWN 3 NW																																		
4	INCHES	MAX	61	63	63	63	64	60	61	60	60	61	61	65	67	67	68	70	70	67	67	64	65	64	64	65	66	66	66	66	64	65	67	64.5
		MIN	57	58	60	60	58	55	55	58	60	60	60	60	63	63	65	68	65	62	63	59	60	60	62	62	64	66	65	63	62	62	62	61.2
20	INCHES	6 PM	55	55	55	56	56	55	56	56	56	57	57	57	58	58	60	60	61	61	61	60	60	60	60	60	61	61	61	61	61	61	61	58.6

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN S.J. PREP SCHOOL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
OUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EOUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

OBSERVATIONAL TIME FOR SOIL TEMPERATURES SAME AS LATE AFTERNOON AIR TEMPERATURE TIME.

EXTREMES

HIGHEST TEMPERATURE HDPKINSVILLE	90	DATE	03
LDWEST TEMPERATURE VANCEBURG	25	DATE	06
GREATEST TOTAL PRECIPITATION BOWLING GREEN	11.86		
LEAST TDTAL PRECIPITATIDN JERFMIAH	1.00		
GREATFST 1 DAY PRECIPITATIDN LANCASTER	3.30	DATE	27

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ↕	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN S J PREP SCH	0397	02	NELSON	8	37 48	85 28	631	5P	5P		GH	ST. JOSEPH PREP. SCHOOL
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 20	390				C	VICTOR P. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		C GH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTER
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. OPYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	FRL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
#COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	450		6P			JOE RAY ALLEN
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		PHILLIP O. THACKER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			KENTUCKY UTILITIES
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			WILLIAM F. BRAMBLETT
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	650	6P	6P		GH	WAYDE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK O. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	8A			HONUS S SHAIN, JR
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.+E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD . FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	73				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG 2 N	5430	03	NICHOLAS	5	38 19	84 09	810				C	BLUE STAR NURSERY
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTWILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	116	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	578		7A		C	JOE M. SLAYDEN
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL 2 WNW	6013	04	CARTER	7	38 19	83 12	895				C	GEORGE E. DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		7A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	[illegible]			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	WM C JARRELLS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IOELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TATHAM SPRINGS	7924	02	WASHINGTON	8	37 52	85 09	670				C	CHARLIE S. KAYS
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1630		8A			MRS. KATHLEEN H. PETERS
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	880				C	JAMES O. BRADLEY
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

↕ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index. No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY

JUNE 1968

Volume 63 No. 6

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CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	88.7	63.5	76.1		96	10	51	28	0	14	0	0	0	1.00		.41	2	.0	0		3	0	0
BEAVER DAM	86.9	61.6	74.3		93	30+	47	14	0	9	0	0	0	2.18		.79	2	.0	0		5	2	0
FORDS FERRY DAM 50	86.3	65.0	75.7		95	30	55	28	0	9	0	0	0	3.27	- .28	2.30	2	.0	0		4	1	1
GILBERTSVILLE 1 SE	87.5M	64.9M	76.2M		97	30	53	27	2	12	0	0	0	2.35		.62	25	.0	0		5	3	0
GOLDEN POND 8 N	85.4	65.5	75.5		93	23+	50	27	2	8	0	0	0	2.07		1.36	26	.0	0		4	1	1
GREENVILLE 2 W	86.0	62.7	74.4	.0	93	10	47	14	2	5	0	0	0	2.76	- 1.42	1.44	2	.0	0		3	3	1
HENDERSON 7 SSW	86.2	64.9	75.6	.2	93	30+	53	14	4	9	0	0	0	3.58	- .21	1.53	1	.0	0		6	2	1
HICKMAN 1 E	89.6	64.1	76.9		97	10	51	14	0	17	0	0	0	1.97		1.03	25	.0	0		5	1	1
HOPKINSVILLE	88.0	60.5	74.3	- 1.0	95	11	50	28+	4	12	0	0	0	2.60	- 1.51	1.03	16	.0	0		3	2	2
LOVELACEVILLE	87.7M	63.9	75.8M	- .2	96	9	51	28	0	12	0	0	0	2.34	- 1.40	1.25	16	.0	0		3	2	1
MADISONVILLE 1 SE	87.3	63.0	75.2		93	10	48	14	0	8	0	0	0	1.83		1.20	1	.0	0		3	1	1
MAYFIELD RADIO WNGO	90.0	65.9	78.0		97	10	51	27	2	18	0	0	0	2.26		.71	25	.0	0		4	2	0
MURRAY	84.7	64.6	74.7	- 1.3	91	11	54	28+	1	3	0	0	0	2.14	- 1.36	.83	2	.0	0		5	2	0
OWENSBORO 2 W	87.3	64.1	75.7	.5	94	10	51	14	2	12	0	0	0	3.70	- .22	1.85	2	.0	0		4	2	2
PADUCAH FAA AIRPORT	86.6	65.4	76.0		93	30+	55	28+	0	9	0	0	0	2.54		1.26	16	.0	0		4	2	1
PADUCAH	88.3	65.3	76.8		94	30+	53	28	0	12	0	0	0	2.79	- .99	.87	2	.0	0		5	3	0
PRINCETON 1 SE	87.1	64.0	75.6	.2	93	30+	51	14	1	10	0	0	0	2.70	- 1.11	1.50	2	.0	0		5	1	1
ROCHESTER LOCK 3	84.5	60.8	72.7		90	30+	48	15+	5	6	0	0	0	4.11		1.40	25	.0	0		5	3	2
RUSSELLVILLE	85.4	60.5	73.0	- 2.3	92	12+	47	14	7	9	0	0	0	2.84	- 1.06	1.75	2	.0	0		3	2	1
DIVISION			75.4	.0										2.58	- 1.28			.0					
* * * CENTRAL 02																							
ANCHORAGE	84.7	61.0	72.9	.5	91	30+	47	13	1	5	0	0	0	1.90	- 2.32	1.00	26	.0	0		4	1	1
BARDSTOWN S J PREP SCH	86.1	62.2	74.2		94	12	50	14+	0	9	0	0	0	3.87		1.15	17	.0	0		6	3	2
BARREN RIVER RESERVOIR	85.9	58.6	72.3		95	12	48	1	6	10	0	0	0	1.74		.81	17	.0	0		5	1	0
BOWLING GREEN FAA AP	86.7	62.9	74.8	- 1.2	95	30+	50	14	3	9	0	0	0	2.33	- 1.83	.88	16	.0	0		5	1	0
BRADFORDSVILLE	85.2	59.5	72.4		97	24+	44	14	7	7	0	0	0	3.28		1.33	2	.0	0		6	3	1
CAMPBELLSVILLE 2 SSW	85.5	57.8	71.7		92	30	47	2	6	7	0	0	0	1.65		.51	2	.0	0		6	1	0
CECILIA	85.7	60.4	73.1	- .4	93	11	46	14	0	7	0	0	0	3.77	- .59	1.45	2	.0	0		5	4	1
CLERMONT 1 SSE	87.1	61.1	74.1		93	30+	46	14	0	7	0	0	0	3.33		.86	25	.0	0		6	2	0
GLASGOW WKAY	85.2	61.8	73.5		93	30	47	14	2	5	0	0	0	2.04		.68	1	.0	0		6	1	0
GREENSBURG	86.7	59.4	73.1	- 1.0	94	12+	49	14	3	10	0	0	0	1.33	- 3.50	.56	2	.0	0		4	1	0
HODGENVILLE LINCOLN NP	85.8	60.2	73.0		92	30+	47	14	0	7	0	0	0	3.96		1.40	17	.0	0		6	3	2
IRVINGTON	85.3	62.8	74.1	- .3	92	30	49	14	0	6	0	0	0	1.85	- 2.57	.69	2	.0	0		5	1	0
LEITCHFIELD 2 N	86.0	61.8	73.9	- .5	94	10	47	14	0	8	0	0	0	4.30	- .20	1.79	17	.0	0		3	3	2
LOUISVILLE	87.9	65.8	76.9		96	30+	55	28	0	13	0	0	0	1.22		.32	24	.0	0		5	0	0
LOUISVILLE WB AP R	84.4	63.6	74.0	.6	93	30+	52	14	4	6	0	0	0	1.70	- 2.29	.42	24	.0	0		5	0	0
MAMMOTH CAVE PARK	85.3	59.7	72.5		92	30	44	14	1	6	0	0	0	3.04		1.19	2	.0	0		6	2	1
NOLIN RIVER RESERVOIR	84.8	57.2	71.0		93	12+	41	4	18	8	0	0	0	2.70		.99	26	.0	0		3	3	0
ROUGH RIVER DAM	86.2	60.6	73.4		94	11	48	1	6	11	0	0	0	2.55		1.95	2	.0	0		5	1	1
SCOTTSVILLE 3 SSW	84.7	63.7	74.2		94	30	52	27	1	7	0	0	0	3.88		1.47	2	.0	0		7	3	2
SUMMER SHADE	84.4	60.8	72.6		93	30	46	14	2	6	0	0	0	2.54		1.00	2	.0	0		6	2	1
WOLF CREEK DAM	85.3	57.8	71.6		92	30+	46	14	5	5	0	0	0	1.96		.75	2	.0	0		5	1	0
DIVISION			73.3	- .9										2.62	- 1.70			.0					
* * * BLUE GRASS 03																							
BEREA COLLEGE	84.6	62.0	73.3	- .4	91	23	49	14	0	5	0	0	0	1.62	- 3.22	.45	2	.0	0		6	0	0
CARROLLTON LOCK 1	84.8	61.0	72.9		92	30	49	21+	0	7	0	0	0	2.03	- 2.11	.60	23	.0	0		5	2	0
COVINGTON WB AIRPORT R	84.1	61.7	72.9	1.1	93	30+	50	13	6	7	0	0	0	2.43	- 1.46	.81	24	.0	0		6	2	0
CYNTHIANA 2	84.2	58.1	71.2		92	23+	45	21	10	4	0	0	0	2.61		1.13	23	.0	0		6	2	1
DANVILLE	82.9	59.4	71.2		91	24+	50	15+	8	4	0	0	0	3.15	- 1.54	1.10	25	.0	0		5	3	1
DIX DAM	84.5M	60.7M	72.6M		93	30	48	14	0	6	0	0	0	4.73		1.29	17	.0	0		5	5	2
FALMOUTH 5 WNW	84.8	57.1	71.0		92	30+	45	14+	8	7	0	0	0	1.65	- 2.78	.51	20	.0	0		5	1	0
FARMERS 1 WNW	83.7	58.3	71.0	- 1.4	92	10	47	21+	10	6	0	0	0	4.57	.08	2.09	23	.0	0		9	1	1
FLEMINGSBURG 1 SW	82.1	59.1	70.6		90	30+	48	21+	9	3	0	0	0	2.91		.78	24	.0	0		6	3	0
FRANKFORT LOCK 4	83.9	58.9	71.4	- 2.3	92	23+	49	14+	10	5	0	0	0	2.98	- 1.09	.98	23	.0	0		6	3	0
LEXINGTON WB AIRPORT R	82.4	61.5	72.0	- 1.6	91	30+	49	13	8	4	0	0	0	2.83	- 1.89	.70	17	.0	0		8	2	0
MAYSVILLE SEWAGE PLANT	83.2	58.0	70.6	- 1.7	94	11	50	13+	5	5	0	0	0	2.25	- 1.93	.45	12	.0	0		7	0	0
MOUNT STERLING	83.0	60.9	72.0		92	30	50	14+	3	2	0	0	0	3.70	- .83	1.21	26	.0	0		8	3	1
OWENTON 2 S	85.0	55.7	70.4		91	30+	42	14+	11	6	0	0	0	1.71		.75	24	.0	0		6	1	0
RICHMOND	82.9	60.6	71.8		91	24+	48	13	5	5	0	0	0	2.23		.95	17	.0	0		5	1	0
SHELBYVILLE	82.2	59.3	70.8	- 2.4	90	24+	48	1	14	4	0	0	0	1.71	- 2.73	.78	2	.0	0		4	1	0
WARSAW MARKLAND DAM	83.4	58.2	70.8	- 2.0	92	12+	47	14+	10	6	0	0	0	3.39	- .78	1.12	24	.0	0		6	3	1
WAYNESBURG 7 NE	82.5	60.1	71.3		90	30+	49	14	2	2	0	0	0	2.38		1.39	25	.0	0		4	1	1
WILLIAMSTOWN 3 NW	83.5	61.9	72.7	- .8	91	30+	47	13	5	6	0	0	0	.87	- 3.38	.20	26	.0	0		6	0	0
DIVISION			71.6	- 1.8										2.62	- 1.82			.0					
* * * EASTERN 04																							
ASHLAND	83.5	56.7	70.1	- 3.6	92	12+	45	14	21	5	0	0	0	3.03	- .83	1.00	12	.0	0		7	2	1
BARBOURVILLE	84.9	57.4	71.2		92	30+	49	15+	6	8	0	0	0	2.61		.56	2	.0	0		7	2	0
BAXTER	83.3	55.9	69.6		90	30+	48	22	10	3	0	0	0	1.88		.63	18	.0	0		6	1	0
BLAINE 2 W	83.0	55.1	69.1		92	12	45	15+	22	3	0	0	0	2.78		.68	9	.0	0		6	3	0
CUMBERLAND	84.4	55.8	70.1		96	30	45	28	4	5	0	0	0	2.34		.43	2	.0	0		7	0	0

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Continued

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
DEWEY DAM	85.6	57.4	71.5		97	23	48	1	7	11	0	0	0	2.78		.75	12	.0	0		7	2	0
GRAYSON 3 SE	83.1	56.2	69.7		93	12	44	14	20	5	0	0	0	2.32		.62	25	.0	0		7	2	0
HEIOELBERG LOCK 14 R	86.0	57.9	72.0		92	30+	47	21+	1	7	0	0	0	1.68	- 2.71	.85	17	.0	0		5	1	0
HINOMAN 11 NNE	83.8	55.3	69.6		92	24+	46	21	11	5	0	0	0	3.17		.71	9	.0	0		8	3	0
HYOEN	84.6M	56.1M	70.4M		92	24	48	2	9	4	0	0	0	2.14		.60	18	.0	0		5	1	0
JACKSON	83.3	56.2	69.8		91	30+	48	15+	12	5	0	0	0	2.32		.45	17	.0	0		8	0	0
LONOON FAA AP	83.1	58.1	70.6		93	30	45	14	3	5	0	0	0	1.76		.58	2	.0	0		5	2	0
MANCHESTER 4 SE	83.8	57.5	70.7		92	30	44	21	4	3	0	0	0	2.12		.48	3	.0	0		8	0	0
MC KEE	82.1	54.5	68.3		90	24+	42	14	26	2	0	0	0	3.93		1.70	17	.0	0		7	2	1
MIOOLESBORO	83.3	57.6	70.5		89	24+	47	14	5	0	0	0	0	2.91		.70	18	.0	0		7	3	0
MONTICELLO	84.7	60.5	72.6		93	30	46	14	0	5	0	0	0	2.33		.66	9	.0	0		7	1	0
MOUNT VERNON	85.2M	59.3M	72.3M		95	21	47	14	1	5	0	0	0	3.10		1.45	24	.0	0		5	2	1
PIKEVILLE	86.7	60.3	73.5		95	30	49	1	0	11	0	0	0	4.40	.00	2.30	12	.0	0		6	2	1
SOMERSET 2 N	84.8	59.7	72.3		92	30	47	14	0	4	0	0	0	2.95		.95	10	.0	0		6	3	0
STEARNS	82.0	58.6	70.3		91	30	48	14	8	1	0	0	0	2.87		.85	3	.0	0		6	2	0
TOMAHAWK 1 WSW	81.6	54.3	68.0		91	12	45	22+	26	2	0	0	0	4.22		1.15	12	.0	0		9	4	1
VANCEBURG	82.0	53.2	67.6		93	22	41	1	28	5	0	0	0	1.30	- 3.00	.42	25	.0	0		5	0	0
WEST LIBERTY																							
WILLIAMSBURG 1 E	85.2	60.4	72.8	- 1.5	93	30	47	14	0	4	0	0	0	2.29	- 1.63	.36	25	.0	0		8	0	0
DIVISION			70.5	- 2.8										2.66	- 1.61			.0					

SPECIAL WEATHER SUMMARY

Rainfall was below average in most areas and in some, those having the least rainfall, a June as dry occurs less often than 20 out of 100 years. Temperatures averaged for the entire month did not vary greatly from long-period averages. However, on the 27th mean temperatures were some 8° to 18° below normal for the date; afternoon temperatures climbed no higher than the sixties over much of the north. The record late-spring flooding along the Ohio, which began in late May, continued into June.

Flooding along the Ohio and Green Rivers began in late May. Along the Ohio, the water remained above bankfull as far upstream as Cincinnati and Maysville as late as June 1; above flood stage farther downstream from Louisville to Addison through the first several days of June; through the 5th at Owensboro. Water remained above bankfull until the 13th from Ford's Ferry south. Portions of the Green River remained above flood stage until the 9th.

At Cincinnati, the Ohio was above flood stage until 11:30 a.m. on June 1. This was the first occasion known of a flood stage in June at Cincinnati. At Louisville, records extending back through 1875 show that flooding in that area near the end of May and early June 1968 were the highest stages ever to have been recorded so late in the spring season. At Cairo, Illinois, water was the highest for any June since 1947. See the May 1968 issue of this publication for an account of damage to crops.

Lightning was responsible for one fatality on the 17th; for at least 5 injuries, on the 9th, 17th, 22d, and the 23d. Lightning was apparently responsible for fires on a number of dates, chiefly the 1st, 16th, 23d, and the 25th. No tornadoes were reported, but there were at least four reported funnel clouds aloft on the 1st and 2d. Wind was responsible for considerable damage, occurring chiefly on the 1st and 16th. **

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**These notes highlight several noteworthy weather events and were compiled before weather data processing for this publication was completed. For further details see the accompanying tables. Also see this month's issue of STORM DATA for more details of the storms noted above and additional storms. For additional details concerning river and flood conditions, see the May and June 1968 issues of CLIMATOLOGICAL DATA NATIONAL SUMMARY.

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	1.00	.04	.41									T					.01	.21					.07		.01	.25						
BEAVER DAM	2.18	.14	.79														.54	.49								.22						
CALHOUN LOCK 2	2.97	.03	2.03	7													.28	.19	T					T	.03	.40	.01					
COBB	2.07		.56															.18								.31	1.02					
DAWSON SPRINGS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNDEE 4 ESE	2.70		1.90														.53	.12								.07	.08					
DUNMOR	2.10	.05	1.05	.34														.05								.11	.50					
ELKTON 2 S	2.05	.02	.34	.18									T					1.20								T	.30	.01				
FORDS FERRY DAM 50	3.27	.42	2.30	.01													.02	.28							T	.22	.02					
FRANKLIN 1 E	2.67		.96	.41														.81									.17	.32				
GILBERTSVILLE 1 SE	2.35	.50	.33	T	T						T	T	T		T		.30	.60	T	T	T	T			T	.62		T	T			
GOLDEN POND 8 N	2.07	.01	.46	.02														.12								.10	1.36					
GREENVILLE 2 W	2.76	.07	1.44														.56	.05								.64						
HARTFORD 6 NW	2.60	T	1.94														.27	.10								.21	.08	T				
HENDERSON 7 SSW	3.58	1.53	.47									.30					.38	.62							T	.28		T				
HICKMAN 1 E	1.97	.20	.24									.02					T	.35								1.03	.13					
HOPKINSVILLE	2.60		.45	.03									.01				1.03	.08									1.00	T				
LOVELACEVILLE	2.34		.73									T					1.25									.36						
MADISONVILLE 1 SE	1.83	1.20															.15	.34								.06	.08					
MAYFIELD RADIO WNGO	2.26	.06	.40	.30								.04						.70								.71	.05	T				
MURRAY	2.14		.83										.13					.26								.25	.67					
OWENSBORO 2 W	3.70	.30	1.85														.03	1.15								.05	.32					
OWENSBORO DAM 46	3.24	.14	1.52														.04	1.10								.05	.39					
PADUCAH FAA AIRPORT	2.54	.39	.32														1.26								.06	.51	T					
PADUCAH	2.79	.25	.87									T					.72	.38								.57						
PARADISE STEAM PLANT R	3.27		1.98														.09	.55								.04	.61					
PRINCETON 1 SE	2.70	.31	1.50														.39	.12							T	.38						
ROCHESTER LOCK 3	4.11		1.33	.03													.16	.45								1.40	.74					
RUSSELLVILLE	2.84		1.75	.04														.75									.30					
SEBREE	3.70	1.38	.76														.34	.87								.35						
UNIONTOWN DAM 49 //	3.63	.67	.88															1.02								.36	.70					
* * * CENTRAL 02																																
ADDISON DAM 45 //	1.71	T	1.05	.03													.15	.18						.05		.25						
ALBANY 4 N	2.06		.69	.29									.03					.63									.42	T				
ANCHORAGE	1.90	.26	.12																					.45		.06	1.00	.01				
BARDSTOWN S J PREP SCH	3.87	.22	1.08	.01													.32	1.15							.16	.85	.06	.01	.01			
BARREN RIVER RESERVOIR	1.74		.20	.30														.81							.02		.29	.12				
BOWLING GREEN	2.41		.82	.05														.87									.67	T				
BOWLING GREEN FAA AP	2.33	.33	.35		T												.88	.40							.01	.29	.07					
BRADFORDSVILLE	3.28		1.33														.50	.30							.15	.40	.60					
BROWNSVILLE	3.27		.87	T													.13	.98	T						.02	.20	1.05	.02				
BURKESVILLE 2 W	2.60		.55	.22														.68	.10								.82	.23				
CAMPBELLSVILLE 2 SSW	1.65	.03	.51	T													.22	.30							.11	.21	.27					
CANEYVILLE	4.94		1.48														.41	1.08								.63	1.34					
CECILIA	3.77	.57	1.45														.07	.86							.11	.66	.05	T				
CLERMONT 1 SSE	3.33	.39	.66	.07													.49	.42							.30	.86	.03	.09	.02			
EDMONTON	2.06		.30	.54									.10					.48									.34	.30				
GAMALIEL 1 S	4.11		.81	.47									.06					1.26	.02						.03		1.03	.43				
GLASGOW	2.43	.69	.75	.08														.66									.25					
GLASGOW WKAY	2.04	.68	.31														.42	.35							.03	.12	.13					
GLENDALE 1 E	4.73		1.60														T	2.10								.27	.76	T				
GREENSBURG	1.33		.56	.07														.21							.05		.31	.13				
GREENSBURG HIWAY 61	1.48		.48	.19													T	.22							T	.03	.38	.18				
HODGENVILLE LINCOLN NP	3.96	.57	1.16														.35	1.40							T	.23	.25					
IRVINGTON	1.85	.44	.69														.11	.26							.01	.33	.01	T				
LEITCHFIELD 2 N	4.30	T	1.78														.07	1.79							T	.02	.64		T			
LIBERTY	1.98		.38	.03														.49								.72	.10	.26				
LOUISVILLE	1.22	.16	.23														.28	.05						.06	.32	.12	T		T			
LOUISVILLE WB AP R	1.70	.34	.34	T									T				.27	.16					.08	T	.42	.02	.05	.02				
LOUISVILLE UPPER GAGE	1.23		.28	.22													.16	.03						.35		.07	.12	T	T			
MAMMOTH CAVE PARK	3.04	.20	1.19														.36	.22							.02	.45	.60					
MILLERSTOWN	3.57		1.59														.54	1.12									.32					
MUNFORDVILLE	2.68		.98	T													.16	.79								T	.65	.10				
NOLIN RIVER RESERVOIR	2.70		.88	.04													.02	.77							T		.99					
ROUGH RIVER DAM	2.55	.05	1.95														.10	.15								.20	.10	T	T			
SCOTTSVILLE 3 SSW	3.88	1.03	1.47										.18				.26	.57								.25	.12					
SCOTTSVILLE 2 SW	3.48		1.85	.35									.60					.50							T		.15	.03				
SHEPHERDSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUMMER SHADE	2.54	.17	1.00														.36	.53								.34	.14					
WOLF CREEK DAM	1.96		.75	.27														.39							.02		.38	.15				
WOODBURY LOCK 4	3.82		1.08														.10	1.13								.35	1.14	.02				
* * * BLUE GRASS 03																																
BEREA COLLEGE	1.62	.05	.45														.16	.34							.30	.16	.15	.01				
BEREA	1.56		.33	.17														.42	.03						.01	.26	.31	.03	T			
CARROLLTON LOCK 1	2.03		.18	T													.31	.05						.60	.33	.50	.03		.03			
COVINGTON WB AIRPORT R	2.43	.21		.21													.71	.05		T			.15	.07	.81	.06	.16	T				
CYNTHIANA	1.79		.22	.14									.07				.11	.16			T			.89	.07	.02	T	.11				
CYNTHIANA 2	2.61		.36										T				.19	.13						1.13	.50	T	.30					
DANVILLE	3.15		.62	T	T												.03	.77	T							1.10	.15	.45	.03			
DIX DAM	4.73		.92	.02	.04													1.29								1.05	.65	.76				
FALMOUTH 5 WNW	1.65		.15	.04	.02												.18	.04	T		.51				.48	.07	.02	.14				
FARMERS 1 WNW	4.57		7	.37						T		.26						.40	.07		.13			2.09	.10	.29	.46	.31	.09			
FLEMINGSBURG	3.48		.09	1.01	.02								.02				.05	.27	.01		T			.71	.02	.74	.07	.47	T			
FLEMINGSBURG 1 SW	2.91	.09	.54	T													.18	.21		T			T	.58	.78	.08	.45					
FORD LOCK 10	3.87		.44	.16	.32					T							.02	.99	.04		.11			.03		.18	.89	.65	.04			
FRANKFORT LOCK 4	2.98		.70	.04													.25	.15	T		T			.98	.23	.60	T	T	.03			
GEORGETOWN WATER WORKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GEST LOCK 3	2.55	T	.31	.33													.23	.09	T		.03			.37	.98	.13	.04	.04	T			
HIGH BRIDGE LOCK 7	4.36		.70	.02	.05												.06	1.38	T					.15		.92	.51	.57	T			
KEENE 1 SSW	4.77	T	.81											.04			.18	1.05						1.01		1.21		.42	.05			
LA GRANGE 1 ESE	1.39	.28	.23	.02													.22	.02	T	.20				.13	.03	.10	.16	T	T			
LANCASTER	2.85		.47								.05							.89								.41	.39	.53	.11			
LEXINGTON WB AIRPORT R	2.83	.16	.47									.10					.15	.70		T				.60	.38	.15	.09	.03				
LITTLE HICKMAN LOCK 8	1.94		.54						.02									.63								.32	.15	.28				
LOCKPORT LOCK 2	4.24	T	.62	.04													.26	.08	T					.56	2.05	.50	.09	.04				
MAYSVILLE SEWAGE PLANT	2.25		.08	.02	.20							T	.45				.22	.08	.10		.28			.36		.05	.03	.38				
MIDWAY	3.59		.49														.16	.52			.24			.51	1.33	.08	.15	.11				
MOUNT STERLING	3.70	.04	.29														.10	.63					.10	.22	.37	.74	1.21					
OWENTON 2 S	1.71	.12	.10														.22	.07						.07	.75	.22	.10	.06				
RICHMOND	2.23		.43	T							T						.05	.95	.02							.30	.26	.17	.05			
SALVISA LOCK 6	3.18		.84	T	.06								T				.07	.56	T					.05		1.03	.37	.15	.05			
SHELBYVILLE	1.71		.78	.06													.30	.25	T						.21		.09	T	.02			
SPRINGFIELD	4.19		1.67	T													.35	1.15								.60	.35	.07				
TAYLORSVILLE	4.21		.81	.09													.12	.53								2.26	.08	.32				
TYRONE LOCK 5	2.77		.59	.07	T								T				.29	.60							T	.80	.27	.11	.04			
VALLEY VIEW LOCK 9	2.24		.54	.10							T						.04	.79								.13	.51	.13				
WARSAW MARKLAND DAM	3.39		.15	T													.67	T	T					.98	1.12	.25	.08	.14	T			

See reference notes following Station Index.

DAILY PRECIPITATION

KENTUCKY
JUNE 1968

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	2.38		.28								.46							.25								1.39						
WILLIAMSTOWN 3 NW	.87	.11	.12	.01													.13	.03					T	.06	.11	.10	.20	T				
* * * EASTERN 04																																
ASHLAND	3.03			.58	.02					.09			1.00					.04	.17		.22				.45	.06	.15	.25				
BARBOURVILLE	2.61		.56	.30						.17			T					T	.48						T	.52	.14	.44				
BAXTER	1.88		.27	.31					T	.12		.13	T	T				T	.63						T	.02	T	.40	T			
BLAINE 2 W	2.78									.68								.60			.25				.40	.35		.50				
BUCKHORN	3.21		.17	.18						.15		.83						.15	.55						.18	.72	T	.24	T			
BURDINE 2 NE	-		.10	.20									.90	.20				.20	.10				-	-	-	-	-	-	-	-	-	
CLAY CITY 1 WNW	2.25		.38	.05						T	.05							.62			T				.05	.24	.66		.20			
COLLEGE HILL LOCK 11	2.13		.32	.05	T						.04						.03	.62	T		.03			T		.11	.69	.24	T			
CUMBERLAND	2.34	.03	.43						.36				.05					.41							.24	.23	.42	.17				
CUMBERLAND FALLS ST PK	3.86		2.00	.05					.02	.02	.13		.50				.07	.30								.57	.14	.06				
DEWEY DAM	2.78		.17	.17	.25					.04			.75	T				.35	.60		T			T	T	.05	.05	.35	T			
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FOURMILE KY UTIL PARK	3.17		.52	.39						.17	.09	.03						.11	.56							.67	.18	.45				
FREEBURN 2 SW	3.91		.66	.22	.11								.48	1.42				.01	.61							.10		.30				
FRENCHBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GRAYSON 3 SE	2.32	.01	.12	.03	.05	.01				.03		T						.17	.15					.41	.06	.62	.14	.52	T			
HAZARD WATER WORKS	2.94		.19	.39						.29		.10		.02					.90							.18	.06	.81				
HEIDELBERG LOCK 14 R	1.68		.18	.05														.85	.19						.13	.05	T	.18	.05			
HINDMAN 11 NNE	3.17		.41	.14						.71			.04	.14				.23	.68							.53		.24	.05			
HYDEN	2.14		.03		.45					.12				.05				.03	.60						.09	.45	.02	.30	T			
JACKSON	2.32		.07	.09						.18		.19						.45	.31						.27	.19	.19	.38	T			
JEREMIAH	.15												.10															.05				
LLOYD GREENUP DAM	3.47		T	.29	.02					.18			.73				T	.20	.05		.52			.30		T	.16	1.07	T			
LONDON FAA AP	1.76	T	.58						.02	.01							T	.34							.54	.11	.16					
LOUISA 2	2.91			.13	T								.05	T					.37					.18	1.20	.13	.27	.52	.06			
MANCHESTER 4 SE	2.12		.24	.48						.12	.30	.08							.27							.16	.22	.25				
MARTIN	2.55		.20	.25						.28									.80							.92	.10					
MC KEE	3.93		.36	.06							.43							1.70	.14						T	.84	.26	.14				
MIDDLESBORO	2.91		.40	.29						.13	.15	.06						.06	.70							.53	.08	.51				
MONTICELLO	2.33		.41	.32						.66								.47	.13								.20	.14				
MOUNT VERNON	3.10		.25							.08							T	.33							1.45	.26	.73					
ONEIDA	2.33		.30	.33						.30	.05							.27	.25						.03	.45	.05	.30				
PAINTSVILLE 1 S	3.31		.12	.28									.88	.05				.33	.70		.19				.04		.02	.70				
PIKEVILLE	4.40	.38	.51	.05					T		.07		2.30					.44							.43		.17	.03	.02			
RAVENNA LOCK 12	2.50		.23	.62	.04													.86	.03		T			T	.01	.05	.26	.40	T			
SALYERSVILLE 2 SE	2.55	.27		.25									.04					.95	.38								.24	.42				
SOMERSET 2 N	2.95		.27							.01	.95						.03	.27							.70	.12	.60					
STEARNS	2.87		.66	.85							.46		T	T				.42	.28								.08	.12				
TILFORD	2.64		.31							.07							.28	.43							.05	.04	.49	.50	.47			
TOMAHAWK 1 WSW	4.22		.04	.15	.05								1.15	.03				.16	.90		.15			.03	.12	.65	.24	.54				
VANCEBURG	1.30	.10	.22	.08								.18	.05				.15	.07		T					.03	.42						
WEST LIBERTY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILLIAMSBURG 1 E	2.29		.35	.23						.04	.33		.04					.17	.31							.36	.11	.35				
WILLOW LOCK 13	1.55		.25	.09							.01							.92	.07						.02	.05	.02	.12	T			

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	24	3.1	7.5	22++	24	25	70	71	48	52	2	3	4	2	0	0	11	-	6.1
LEXINGTON WB AIRPORT	21	2.8	7.9	35++	22	25	74	79	54	58	1	2	6	2	0	0	11	-	5.7
LOUISVILLE WB AIRPORT	24	2.6	7.4	26	W	25	78	80	52	55	3	4	5	0	0	0	12	69	5.8

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	84	79	87	87	90	89	89	90	94	96	93	88	82	90	93	87	87	86	89	90	90	95	93	90	88	81	77	87	94	95		88.7
	MIN	68	63	60	62	60	67	68	62	65	67	69	68	37	53	64	62	65	56	58	58	59	67	68	72	71	66	55	51	69	74		63.3
BEAVER DAM	MAX	79	78	85	83	87	88	89	89	90	93	93	89	83	86	90	89	80	82	88	87	88	92	92	90	89	81	77	83	91	93		86.9
	MIN	60	63	58	60	57	62	63	63	62	62	68	69	53	47	57	66	65	56	57	61	37	62	68	71	72	71	52	51	70	66		61.6
FORDS FERRY DAM 30	MAX	80	77	83	81	88	86	85	89	90	91	90	84	79	88	91	81	80	83	89	88	88	92	90	91	89	80	80	86	93	93		86.3
	MIN	64	63	38	62	63	66	65	65	63	68	70	64	59	56	66	65	63	61	62	67	67	68	71	74	72	68	57	33	72	73		63.0
GILBERTSVILLE 1 SE	MAX	82	79	87	88	87	88	90	90	90	98	92	88	84	90			81	84	87	88	89	93	93	90	87	82	73	87	93	97		87.3
	MIN	68	65	59	63	65	68	62	64	65	68	71	69	59	53			65	58	63	64	62	69	72	73	72	69	55	53	71	72		64.9
GOLDEN POND 8 N	MAX	79	84	75	84	85	86	87	88	86	90	93	90	83	79	86	92	82	80	86	86	89	89	93	91	91	83	78	70	83	91		83.4
	MIN	60	63	61	63	65	66	65	66	66	69	72	70	68	57	61	68	67	62	63	69	66	70	71	73	73	70	30	37	64	72		63.3
GREENVILLE E W	MAX	78	79	83	83	87	88	89	88	90	93	90	86	81	85	89	87	80	83	87	87	88	90	89	89	87	83	75	83	89	91		86.0
	MIN	62	63	58	60	60	62	63	62	60	64	70	66	56	47	60	65	64	56	58	63	59	67	69	72	75	71	52	53	70	73		62.7
HENDERSON 7 SSW	MAX	78	81	86	83	87	88	88	89	98	93	91	85	78	86	91	88	80	83	89	86	88	92	91	90	88	83	68	86	92	93		86.2
	MIN	63	66	60	61	61	66	65	63	66	70	71	68	55	53	66	66	63	59	61	63	64	70	72	74	75	67	54	54	73	73		64.9
HICKMAN 1 E	MAX	87	83	88	89	98	90	89	92	93	97	94	90	85	91	95	98	83	87	91	91	92	95	98	89	88	78	78	87	93	94		89.6
	MIN	68	66	60	63	59	67	60	63	63	67	68	68	60	51	63	68	63	38	59	64	62	70	70	72	70	67	55	52	68	74		64.1
HOPKINSVILLE	MAX	80	87	79	87	87	89	88	90	91	92	93	94	89	82	89	92	92	84	86	89	89	92	93	92	92	88	82	72	86	92		88.0
	MIN	52	65	60	59	63	64	64	68	62	65	66	66	57	50	33	61	64	38	57	59	60	61	65	69	70	67	51	50	32	64		60.3
LOVELACEVILLE	MAX	83	80	87	87	90	89	91	91	96	95	90	88	82	90	95	84	82	83	88	88	91	93	91	88	83	78	76	87	92			87.7
	MIN	70	63	60	62	61	66	60	62	63	66	69	68	38	33	65	66	63	39	60	65	61	66	70	73	71	66	53	31	70	73		63.9
MADISONVILLE 1 SE	MAX	78	80	87	88	88	89	89	89	91	93	92	88	88	87	91	89	81	84	89	89	88	91	91	89	89	84	75	84	91	92		87.3
	MIN	68	63	38	61	59	63	64	63	63	65	70	69	56	48	61	63	64	57	58	64	59	69	72	72	73	70	54	51	70	68		63.0
MAYFIELD RADIO WNGO	MAX	88	81	89	91	94	92	91	93	96	97	96	94	89	91	94	89	83	88	90	89	91	92	92	90	88	86	75	86	90	94		90.0
	MIN	72	63	61	58	65	70	62	71	65	70	70	72	57	54	70	67	68	60	60	68	63	66	71	78	74	70	51	57	69	72		65.9
MURRAY	MAX	79	83	73	83	85	86	85	86	87	89	91	90	85	79	86	89	85	79	82	85	86	88	90	89	89	84	78	73	83	89		84.7
	MIN	60	63	61	64	63	66	65	66	67	69	71	70	60	53	65	69	66	61	60	65	61	68	71	72	73	69	54	54	61	70		64.6
OWENSBORO E W	MAX	77	81	86	86	89	90	91	92	92	94	92	87	88	87	91	85	82	83	88	89	89	92	92	91	85	83	70	85	92	93		87.3
	MIN	68	63	59	63	60	63	68	64	63	66	70	69	56	51	63	68	64	59	60	67	61	66	71	73	74	69	35	32	68	69		64.1
PADUCAH FAA AIRPORT	MAX	84	80	86	83	88	86	87	89	90	95	90	88	80	88	93	83	80	84	86	87	90	95	91	89	87	78	74	85	91	93		86.6
	MIN	66	63	60	64	61	67	64	64	66	71	72	67	60	55	69	67	63	60	65	68	63	72	73	73	71	57	56	53	71	76		63.4
PADUCAH	MAX	83	83	86	86	89	89	89	90	90	93	93	89	85	89	92	91	84	82	88	88	91	94	95	91	88	87	73	83	92	94		88.3
	MIN	69	63	61	64	61	71	63	65	64	67	69	69	61	55	64	63	65	39	61	67	62	70	72	75	74	68	53	33	73	75		63.3
PRINCETON 1 SE	MAX	79	79	86	86	88	88	88	87	91	95	92	86	82	86	90	89	82	84	88	86	88	92	98	90	90	87	74	83	91	93		87.1
	MIN	65	64	61	64	60	63	65	63	63	67	71	69	37	31	64	66	64	58	59	66	60	67	71	72	73	69	53	52	71	70		64.0
ROCHESTER LOCK 3	MAX	79	76	79	80	84	87	87	86	88	90	90	90	85	79	85	89	83	79	84	88	86	88	90	89	90	83	79	67	83	90		84.5
	MIN	51	64	59	61	59	63	63	65	64	64	64	69	56	48	48	58	66	57	58	61	60	61	69	72	68	70	54	33	36	65		60.8
RUSSELLVILLE	MAX	79	83	76	85	86	86	86	89	90	90	92	92	86	78	83	90	83	80	83	87	86	89	90	90	90	85	79	70	83	90		83.4
	MIN	50	64	57	60	61	60	61	61	62	60	63	66	35	47	54	63	63	55	33	60	60	66	68	71	72	67	53	50	58	69		60.3
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	73	79	83	82	85	87	86	87	89	91	91	89	80	83	87	86	77	84	85	80	85	89	90	88	85	83	79	76	90	91		84.7
	MIN	58	61	60	59	33	60	63	61	69	66	63	66	47	49	59	63	62	50	51	59	34	63	70	69	72	70	53	54	70	67		61.0
BARDSTOWN S J PREP SCH	MAX	73	76	85	83	88	88	87	84	90	92	93	94	85	84	88	88	81	81	86	87	86	91	91	91	84	83	81	81	90	93		86.1
	MIN	57	64	58	58	56	62	62	63	67	66	66	70	30	50	58	66	63	57	57	62	54	63	71	72	72	70	56	56	69	70		62.2
BARREN RIVER RESERVOIR	MAX	79	83	76	85	83	91	91	87	85	91	93	95	88	78	88	90	85	78	84	88	85	85	92	92	93	84	80	69	84	92		85.9
	MIN	48	49	49	49	63	61	68	64	64	65	64	64	56	49	50	50	52	56	56	56	58	62	62	70	75	69	54	56	60	70		58.6
BOWLING GREEN FAA AP	MAX	82	78	87	85	88	88	89	88	92	95	95	88	79	87	91	84	80	82	87	83	88	94	91	92	86	82	70	85	93	95		86.7
	MIN	60	62	60	62	64	64	65	67	66	64	68	67	58	50	56	69	62	59	59	63	39	63	69	75	71	62	53	54	66	69		68.9
BRADFORDSVILLE	MAX	77	76	79	83	83	88	88	87	85	91	93	91	86	77	85	88	83	79	83	87	84	97	91	97	88	88	80	69	81	90		85.2
	MIN	52	62	59	58	66	59	59	60	65	61	62	66	50	44	50	60	64	52	53	60	47	57	68	70	70	70	53	33	67	64		59.5
CAMPBELLSVILLE E SSW	MAX	76	76	88	83	87	83	86	83	89	91	91	90	80	84	87	87	83	82	86	87	83	90	91	89	84	84	81	84	90	92		83.5
	MIN	48	47	61	58	58	38	59	59	60	63	64	63	32	48	48	48	63	36	56	56	33	54	54	63	63	66	34	36	67	69		57.8
CECILIA	MAX	77	78	84	82	86	87	86	84	90	91	95	88	82	85	89	88	83	82	86	83	87	91	91	88	83	81	79	82	90	92		83.7
	MIN	57	62	55	59	54	61	61	64	68	62	63	70	50	46	54	63	62	53	56	60	51	62	67	70	71	68	53	34	66	66		60.4
CLERMONT 1 SSE	MAX	77	78	84	84	86	89	88	87	89	92	98	93	84	83	88	89	89	86	87	87	87	92	93	92	89	80	80	86	88	95		87.1
	MIN	56	65	52	56	52	59	60	61	65	67	67	63	47	46	35	65	62	63	59	57	54	61	71	72	79	70	55	34	69	70		61.1
GLASGOW WKAY	MAX	81	75	84	83	87	86	87	88	89	91	92	85	79	86	89	88	80	81	84	84	87	89	89	90	84	81	73	84	91	93		83.2
	MIN	58	63	58	59	58	62	63	63	68	64	64	68	35	47	53	69	64	56	56	62	59	62	66	71	73	69	35	31	67	67		61.8
GREENSBURG	MAX	79	80	77	84	88	89	90	88	89	98	94	94	88	79	87	90	86	79	83	87	89	90	93	93	93	86	82	71	85	93		86.7
	MIN	50	62	60	60	56	60	62	63	65	64	65	67	56	49	35	57	63	53	36	32	53	56	64	66	66	69	55	53	39	61		39.4
HODGENVILLE LINCOLN NP	MAX	76	75	85	83	83	87	87	87	89	91	92	92	85	84	89	89	82	80	85	83	86	90	91	90	83	83	82	82	88	92		85.8
	MIN	59	56	32	58	51	61	62	64	68	63	62	69	51	47	55	65	62	56	56	60	53	65	67	71	69	67	52	54	66	67		60.2
IRVINGTON	MAX	76	76	82	82	87	86	87	87	89	91	90	87	80	83	88	88	78	81	83	85	86	91	90	89	88	84	79	82	90	92		83.3
	MIN	60	64	55	60	56	63	66	65	67	65	67	70	31	49	64	67	64	35	38	62	36	67	71	72	71	69	54	54	70	71		62.8
LEITCHFIELD 2 N	MAX	73	78	83	84	87	89	87	88	90	94	93	87	81	84	90	84	79	83	87	86	86	91	92	89	87	82	77	83	90	93		86.0
	MIN	57	64	56	60	56	61	64	65	69	63	66	71	51	47	35	68	64	56	37	60	54	64	70	74	72	69	54	53	66	67		61.8
LOUISVILLE	MAX	74	79	84	86	89	89	90	90	95	93	93	96	87	84	92	88	82	83	90	85	85	90	91	91	84	88	83	84	92	96		87.9
	MIN	60	64	63	61	61	67	69	67	71	72	73	73	36	36	63	67	63	61	64	65	61	71	71	71	73	71	57	53	70	74		65.8
LOUISVILLE WB AP	MAX	74	80	83	82	83	87	86	86	89	91	93	84	77	84	89	77	78	81	86	83	86	92	92	86	87	83	63	83	90	95		84.4
	MIN	59	64	61	60	58	64	65	66	69	68	68	66	53	32	62	68	63	58	61	61	57	67	72	75	74	63	56	57	70	71		63.6
MAMMOTH CAVE PARK	MAX	76	76	83	85	87	86	86	83	89	90	91	90	82	83	87	87	81	81	86	83	86	90	90	89	88	81	78	81	89	92		83.3
	MIN	56	62	38	57	58	59	59	62	64	61	60	66	53	44	51	65	65	54	50	60	35	60	67	65	69	69	55	51	69	70		59.7

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NOLIN RIVER RESERVOIR	MAX	79	75	77	84	84	87	88	83	87	80	83	93	86	78	85	80	85	78	83	88	83	88	81	81	80	83	80	67	83	90		84.8
	MIN	48	46	44	41	51	61	61	66	64	60	63	66	61	47	49	54	67	56	55	54	54	55	70	73	64	58	54	55	58	63		57.2
ROUGH RIVER DAM	MAX	78	77	79	85	87	88	80	90	90	92	9A	82	85	80	86	90	84	81	84	89	88	89	92	82	92	86	81	67	83	82		86.2
	MIN	48	62	56	59	59	62	63	63	64	64	65	68	51	49	51	64	64	56	56	57	59	61	70	71	73	67	55	53	57	70		60.6
SCOTTSVILLE 5 SSW	MAX	84	74	85	85	86	84	85	85	88	90	91	84	77	84	90	86	80	81	84	85	87	90	80	59	55	78	73	58	80	94		84.7
	MIN	61	63	60	63	64	66	66	67	67	66	70	67	58	53	62	67	64	60	59	61	66	66	68	71	70	68	52	54	62	68		63.7
SUMMER SHADE	MAX	81	73	82	84	85	86	86	83	89	80	81	85	76	84	88	84	78	81	83	83	87	80	90	88	84	80	73	82	80	95		84.4
	MIN	59	62	58	58	59	62	62	64	63	62	61	61	56	46	55	65	64	55	65	60	53	60	68	70	71	67	53	52	63	69		60.8
WOLF CREEK DAM	MAX	78	85	76	83	85	88	88	84	83	89	92	91	87	78	87	88	88	78	85	85	88	89	82	82	88	86	82	72	81	92		83.3
	MIN	52	58	61	56	54	57	59	62	63	63	63	65	53	46	52	52	57	54	54	58	50	57	62	67	66	66	53	53	56	61		57.8
* * *																																	
BLUE GRASS 05																																	
BEREA COLLEGE	MAX	76	75	82	83	87	87	84	84	80	89	80	87	82	83	87	84	81	81	86	83	87	80	81	88	83	83	73	80	88	80		84.6
	MIN	57	62	61	87	57	60	65	66	65	66	68	72	53	48	61	66	63	53	57	60	53	61	70	71	70	68	57	84	68	72		62.0
CARROLLTON LOCK 1	MAX	75	80	82	82	84	86	87	86	80	91	91	91	80	82	88	87	75	80	84	84	86	91	81	84	83	83	80	79	89	82		84.8
	MIN	54	64	57	55	54	59	62	61	64	66	66	66	50	49	60	65	62	57	59	60	48	65	68	68	71	70	57	53	65	71		61.0
COVINGTON WB AIRPORT	MAX	75	80	81	81	85	88	85	88	92	85	92	84	77	81	88	76	77	81	84	81	85	92	81	86	84	83	63	50	91	83		84.1
	MIN	57	62	60	57	57	63	65	65	66	69	69	60	50	52	63	65	61	57	63	57	54	65	68	68	71	64	53	54	65	68		61.7
CYNTHIANA 2	MAX	76	75	81	85	85	87	89	88	88	92	92	92	84	77	85	89	81	78	83	86	82	86	92	89	85	53	88	69	80	88		84.8
	MIN	48	62	56	53	49	51	58	62	63	63	65	66	47	46	55	61	62	52	55	54	43	56	67	68	70	72	55	54	61	66		58.1
DANVILLE	MAX	74	75	75	85	83	85	87	85	83	89	90	91	85	75	81	88	83	75	82	83	82	85	90	81	80	84	81	69	80	88		82.9
	MIN	50	56	57	57	55	55	62	65	65	68	67	67	50	50	50	60	62	55	55	60	54	54	65	69	69	69	53	54	58	68		58.4
DIX DAM	MAX		76	80	81	84	86	86	85	59	90	90	90	85	81	87	88	80	78	84	83	82	89	80	80	83	80	50	73	86	93		54.5
	MIN		55	57	58	53	61	62	66	64	66	67	71	50	48	57	66	62	54	56	59	52	62	69	72	68	70	53	54	60	67		60.7
FALMOUTH 5 WNW	MAX	73	80	82	81	87	89	86	90	91	92	91	89	79	82	88	88	78	81	84	81	84	90	81	85	84	52	77	79	89	92		84.8
	MIN	49	55	55	50	49	55	57	57	62	64	64	61	45	45	57	65	60	52	55	53	47	57	66	65	70	70	53	53	62	63		57.1
FARMERS 1 WNW	MAX	77	78	80	82	86	89	82	88	91	92	90	84	75	75	89	85	75	81	85	80	84	80	80	84	86	51	78	78	88	81		83.7
	MIN	47	62	56	55	50	55	61	61	65	65	65	69	50	47	55	58	61	53	53	60	47	55	66	65	66	71	57	55	58	62		58.5
FLEMINGSBURG 1 SW	MAX	74	77	80	80	85	87	84	86	88	90	89	83	72	80	86	79	75	80	84	77	83	90	87	72	83	80	76	77	87	90		82.1
	MIN	48	63	57	56	55	57	62	64	64	65	65	68	49	48	56	62	60	50	56	58	48	57	67	67	63	70	57	52	60	66		58.1
FRANKFORT LOCK 4	MAX	75	75	79	85	81	88	89	86	86	82	92	82	85	77	83	88	82	78	82	87	82	85	82	90	84	85	83	66	80	59		85.9
	MIN	49	57	58	56	52	56	60	61	65	66	65	67	48	48	51	61	63	56	57	58	53	54	63	68	69	72	57	54	58	63		58.8
LEXINGTON WB AIRPORT	MAX	73	75	78	80	84	86	85	84	90	90	89	83	76	82	87	81	75	78	84	80	85	91	88	84	52	78	68	78	87	91		82.4
	MIN	57	60	59	60	56	65	64	67	66	67	68	65	49	52	60	66	61	57	59	58	54	63	69	71	70	64	53	54	64	68		61.3
MAYSVILLE SEWAGE PLANT	MAX	75	76	80	79	81	85	90	85	89	92	94	93	84	75	81	89	78	77	82	85	80	84	80	89	88	86	84	74	80	70		53.2
	MIN	50	50	60	55	55	55	60	62	62	60	60	66	50	52	52	53	59	56	58	58	52	54	62	66	68	70	59	55	57	65		58.0
MOUNT STERLING	MAX	74	74	78	78	82	84	84	83	88	89	89	87	81	78	85	84	79	79	85	84	83	90	89	82	83	80	78	79	88	92		83.0
	MIN	52	65	59	58	55	60	64	64	66	68	70	71	50	50	61	64	57	54	57	60	52	62	68	59	68	69	59	54	64	69		60.9
OWENTON 2 S	MAX	75	81	82	85	86	89	86	87	91	91	91	88	78	81	89	86	78	82	84	83	86	91	91	89	81	82	80	79	89	91		85.0
	MIN	48	62	52	53	48	54	57	56	59	61	60	59	42	42	55	60	59	49	52	56	45	55	63	64	68	69	53	53	58	60		53.7
RICHMOND	MAX	74	77	76	82	81	87	87	81	56	91	91	91	86	75	82	87	54	73	79	84	80	84	90	91	55	53	82	69	79	59		52.9
	MIN	55	60	58	59	57	60	64	64	66	65	68	69	48	50	57	64	61	54	56	60	56	59	63	70	68	70	54	54	60	68		60.6
SHELBYVILLE	MAX	74	72	78	80	80	83	88	85	54	89	90	90	83	75	82	57	78	76	80	85	80	84	90	90	86	83	81	65	80	88		82.8
	MIN	48	59	58	59	55	57	62	64	66	66	66	66	50	49	50	60	62	57	58	59	52	56	62	70	71	70	55	53	56	63		59.3
WARSAW MARKLAND DAM	MAX	75	77	78	82	80	86	90	84	88	92	92	92	83	76	82	89	77	76	85	84	83	86	91	91	86	83	82	64	80	89		83.4
	MIN	50	60	61	54	53	54	59	60	60	64	67	65	47	47	48	60	62	57	56	59	51	51	60	66	69	70	58	55	58	64		58.2
WAYNESBURG 7 NE	MAX	76	71	79	81	88	86	81	81	88	88	88	82	75	81	85	85	77	80	85	81	84	88	90	84	82	80	76	78	87	90		82.8
	MIN	53	60	61	59	56	60	65	65	66	63	66	70	51	49	53	62	62	55	57	60	55	59	66	68	66	67	54	52	65	60		60.1
WILLIAMSTOWN 3 NW	MAX	73	80	81	78	85	88	84	87	91	91	90	86	75	80	87	86	76	80	85	78	84	90	90	83	83	82	76	78	89	91		83.3
	MIN	55	64	60	60	59	63	67	65	66	69	69	67	47	52	60	63	60	56	60	60	55	64	69	68	69	69	53	52	63	70		61.8
* * *																																	
EASTERN 06																																	
ASHLAND	MAX	74	76	79	79	81	88	89	85	90	89	92	92	86	69	79	89	82	72	81	86	78	84	81	88	88	87	87	73	78	90		83.3
	MIN	46	50	55	55	50	55	59	60	63	64	64	64	49	45	47	59	60	53	53	52	48	51	62	64	68	65	64	61	54	64		56.7
BARBOURVILLE	MAX	76	82	76	84	84	88	87	81	79	90	92	91	88	76	85	88	85	86	82	86	84	87	90	91	92	90	85	72	81	92		84.9
	MIN	50	50	60	58	54	54	57	61	65	64	64	64	58	49	49	83	58	56	56	57	52	51	60	65	65	65	62	54	56	56		57.4
BAXTER	MAX	74	81	71	81	84	87	87	85	79	86	88	90	87	75	84	87	86	74	81	86	83	87	88	90	83	87	87	72	79	90		83.3
	MIN	49	49	58	57	55	52	53	56	64	65	63	64	57	49	49	51	60	56	56	56	50	48	54	65	66	64	61	50	51	54		53.9
BLAINE 2 W	MAX	72	78	76	78	80	86	88	85	88	88	90	92	86	72	80	88	82	80	61	85	80	85	98	90	85	87	86	70	80	85		85.0
	MIN	45	45	58	55	48	48	52	60	60	65	65	65	50	45	45	52	52	52	70	60	46	46	50	65	63	64	63	55	55	55		55.1
CUMBERLAND	MAX	81	85	82	84	88	88	81	79	89	89	91	87	76	85	85	90	74	83	82	84	84	84	91	83	86	86	75	79	92	96		84.4
	MIN	47	55	52	55	52	47	52	61	65	65	64	64	55	56	57	54	58	53	50	49	54	54	59	62	61	64	59	45	52	56		55.8
DEWEY DAM	MAX	76	83	74	82	85	90	90	86	90	90	92	94	87	75	85	91	88	71	84	89	82	87	97	92	83	90	58	75	91	93		85.6
	MIN	48	49	62	60	52	55	55	61	65	66	67	67	57	50	50	55	57	56	56	57	49	50	54	68	66	66	65	55	55	55		57.4
GRAYSON 3 SE	MAX	75	78	79	79	79	88	86	85	86	88	92	95	87	71	81	88	85	71	80	85	78	85	81	91	88	86	83	71	77	90		83.1
	MIN	46	55	50	55	49	55	60	61	65	66	65	67	48	44	52	56	59	52	52	54	45	50	55	65	67	68	62	54	56	61		56.2
HEIDELBERG LOCK 14	MAX	79	78	82	82	86	89	89	84	90	90	91	90	86	84	88	89	84	79	85	87	84	89	91	92	86	83	82	79	89	92		86.0
	MIN	49	61	61	57	50	56	60	62	62	65	66	65	52	47	52	56	64	54	52	60	47	55	64	65	65	70	60	51	54	60		57.9
HINDMAN 11 NNE	MAX	75	82	72	82	80	87	87	85	86	88	90	92	88	76	82	86	88	68	80	86	81	85	90	92	84	89	89	74	79	90		83.8
	MIN	48	48	61	58	49	51	55	54	60	60	64	65	54	48	49	51	51	59	55	55	46	47	61	64	63	63	62	50	52	54		55.3
HYDEN	MAX	76	85		85	85	88	89	81	82	88	91	90	87	76	85	88	85	72	85	86	83	87	89	92	84	88	88	72	80	91		84.6
	MIN	50	48		59	54	54	57	60	63	65	6A	65	54	49	50	52	56	56	56	56	50	50	56	64	65	65	60	49	51	50		56.1
JACKSON	MAX	75	81	71	81	82	88	88	85	82	89	91	91	88	74	82	87	85	71	81	86	81	84	90	90	84	87	84	70	80	91		83.3
	MIN	49	49	60	57	52	53	57	58	62	65	66	66	55	48	48	54	60	56	55	56	49	49	55	55	65	66	63	51	55	55		56.2

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LONDON FAA AP	MAX	80	72	81	82	85	85	81	79	89	90	90	87	75	83	86	85	75	79	85	81	85	88	90	82	87	83	71	78	90	95		83.1
	MIN	50	59	58	55	52	55	61	66	62	61	67	63	52	45	52	59	56	55	55	58	50	58	63	68	66	67	57	51	60	63		58.1
MANCHESTER 4 SE	MAX	81	77	80	81	85	85	80	80	88	88	90	88	82	80	85	85	77	77	83	81	84	89	90	87	87	84	80	79	89	92		83.8
	MIN	49	60	62	57	51	56	59	62	64	64	63	67	54	46	49	55	62	55	54	59	44	54	63	66	64	68	60	48	51	58		57.5
MC KEE	MAX	74	78	70	80	82	86	86	80	85	88	89	90	84	72	84	88	89	70	79	85	80	85	89	90	79	85	81	69	79	89		82.1
	MIN	46	48	60	55	48	50	55	60	60	62	63	65	51	42	46	52	58	52	51	53	45	48	55	65	63	66	58	50	56	59		54.5
MIDDLESBORO	MAX	76	81	74	83	84	86	87	83	78	88	88	89	86	79	83	85	84	75	83	86	83	86	88	89	86	86	83	72	81	88		85.3
	MIN	50	50	60	57	54	55	54	59	65	65	65	65	61	47	48	52	58	55	57	57	51	52	59	68	65	65	61	56	56	60		57.6
MONTICELLO	MAX	84	75	82	85	87	87	83	81	87	90	90	85	82	84	87	85	77	82	85	84	85	89	90	87	85	82	76	81	90	95		84.7
	MIN	55	62	60	57	55	58	62	63	65	64	65	68	56	46	56	65	65	54	56	59	50	59	65	70	71	69	56	55	65	68		60.5
MOUNT VERNON	MAX	78	78	81	85	87	87	86	85	88	89	90		75	83	87	86	85	81	86	85	95	89	91	90	85	82	81	80	88	92		85.2
	MIN	58	60	60	57	54	56	61	63	65	63	65		52	47	56	62	63	51	54	57	49	56	69	67	68	67	56	53	65	67		59.3
PIKEVILLE	MAX	85	70	82	85	90	92	82	86	88	94	94	89	82	85	92	87	79	83	88	84	86	93	93	82	90	91	78	81	94	95		86.7
	MIN	49	60	63	59	55	55	59	64	64	66	69	66	59	52	54	57	65	58	58	60	51	56	66	69	66	69	63	57	59	62		60.5
SOMERSET 2 N	MAX	81	76	81	83	86	86	83	82	89	90	91	87	82	83	87	86	77	81	86	85	85	88	90	88	86	85	79	81	89	92		84.8
	MIN	54	61	61	56	52	54	63	65	64	65	65	70	55	47	52	61	65	53	54	55	49	58	67	70	65	67	60	53	64	66		59.7
STEARNS	MAX	75	80	78	79	84	84	82	81	78	81	87	88	85	74	71	87	84	74	76	84	82	86	88	89	88	86	80	76	85	91		82.0
	MIN	55	56	58	54	50	53	64	60	64	64	65	68	55	48	51	52	63	55	55	58	54	60	60	67	64	68	54	55	60	68		58.6
TOMAHAWK 1 WSW	MAX	72	80	72	72	80	86	87	85	87	87	90	91	85	71	79	87	83	69	79	85	78	82	88	88	80	86	83	72	77	89		81.6
	MIN	45	50	58	58	47	47	50	56	60	62	62	64	51	46	46	49	59	53	52	52	45	45	61	65	63	63	62	51	52	55		54,3
VANCEBURG	MAX	73	76	77	79	84	86	82	87	90	90	90	88	80	78	86	82	72	78	79	77	82	93	84	86	80	78	72	76	86	90		82.0
	MIN	41	60	49	49	44	49	55	57	62	61	60	64	44	45	52	54	55	49	51	57	43	49	54	63	68	59	49	52	52	51		53.2
WEST LIBERTY	MAX																																
	MIN																																
WILLIAMSBURG 1 E	MAX	82	85	84	85	86	83	85	83	88	88	90	89	85	85	87	87	76	82	85	85	86	87	90	87	86	85	81	80	90	93		85.2
	MIN	52	61	55	55	56	62	61	62	63	64	66	67	56	47	56	65	63	56	57	59	53	61	65	70	68	70	60	56	65	61		60.4

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.14	.19	.09	.27	.31	.25	.24	.55	.50	.27	.24	.27	.38	.27	.24	.27	.14	.21	.23	.25	.28	.22	.55	.23	.24	.23	.17	.08	.28	.31		7.28
	WIND	37	9	4	17	24	46	0	0	5	11	5	52	47	14	24	24	12	16	11	9	25	13	35	31	36	87	88	55	74	69		858
	MAX	87	68	84	94	94	96	97	100	96	95	100	95	88	91	92	71	87	89	93	97	95	90	94	94	95	93	89	75	90	95		90,8
	MIN	65	65	66	66	68	67	70	63	68	69	71	72	62	59	57	65	70	66	66	66	67	75	75	74	72	70	57	55	70	71		66,8
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.15	.08	.14	.19	.26	.29	.19	.22	.22	.26	.22	.22	.29	.22	.22	.51	.23	.16	.25	.52	.15	.26	.32	.34	.25	.26	.26	.19	.35	.38		7.16
	WIND	15	36	16	26	15	19	18	20	13	52	21	57	52	29	14	63	15	5	23	12	17	23	51	48	40	84	99	74	80	60		1057
WOLF CREEK DAM	EVAP	.19	.15	.04	.19	.25	.18	.22	.15	.05	.23	.21	.46	.20	.27	-	-	-	.12	.25	.18	.18	.17	.29	.21	.20	.16	.16	.16	.10	.60		6.148
	WIND	12	20	5	5	11	8	9	10	7	14	8	9	22	21	15	12	15	12	15	9	14	12	16	14	17	58	34	22	13	34		451
	MAX	71	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	MIN	60	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	*	.43	.11	.09	.27	.28	.26	.22	.18	.24	.30	.20	.50	.20	.28	.22	.29	.20	.20	.26	.34	.26	.31	.23	.25	.25	.42	.14	*	.02		6,95
	WIND	*	7	71	27	59	15	22	55	35	38	28	36	92	46	25	25	60	29	16	28	36	18	40	*	65	70	77	64	84	27		1149
	MAX	-	87	80	85	92	95	95	88	90	95	95	99	91	86	97	84	88	82	95	96	95	94	96	99	82	84	84	69	-	95		89.8
	MIN	-	57	65	66	63	64	70	69	67	71	72	74	57	56	59	60	65	62	62	66	60	60	64	74	70	72	60	55	-	58		64,2
* * * EASTERN 04																																	
BUCKHORN	EVAP	.27	.12	.05	.16	.15	.39	.21	.11	.06	.05	-	.21	.32	.25	.22	.24	.16	.04	.20	.22	.17	.54	.22	.21	.14	.19	.19	.18	.22	.23		5,698
	WIND	10	42	22	15	12	11	14	7	13	11	18	12	49	37	20	22	27	14	12	12	23	15	23	24	13	82	60	42	36	37		731
	MAX	86	82	76	92	99	100	98	87	84	91	93	76	93	87	94	97	90	74	95	97	95	98	95	100	85	88	85	77	87	95		89.9
	MIN	59	61	65	67	67	66	68	68	68	70	72	70	65	59	60	63	66	65	65	67	69	65	65	72	72	71	68	59	59	63		65.7
DEWEY DAM	EVAP	-	.07	.08	.12	.19	.21	.18	.13	.15	.20	.15	.24	.17	.21	.15	.24	-	-	.10	.25	.16	.20	.12	.15	.08	.05	.05	.11	.05	.19		4,428
	WIND	11	7	3	6	11	8	7	6	9	11	7	10	22	22	11	9	7	10	13	9	16	9	6	6	10	20	13	16	15	9		317
	MAX	85	85	67	68	94	97	98	91	90	97	100	101	94	86	92	98	89	72	92	96	86	97	92	95	86	90	90	82	86	100		89,9
	MIN	46	55	66	66	65	58	61	67	67	70	72	75	64	58	56	61	60	62	65	69	57	51	61	70	71	71	70	59	58	59		62,9

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station		Day Of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN S J PREP SCH																																	
4 INCHES	MAX	75	74	79	81	81	82	82	80	83	85	85	85	85	83	83	83	81	81	83	82	83	83	85	85	82	80	80	77	80	82		81.7
	MIN	69	70	70	73	73	75	76	75	76	77	78	78	74	74	75	76	75	74	75	77	74	77	79	80	79	78	74	71	71	76		75.0
20 INCHES	5 PM	65	65	66	67	67	68	69	69	70	70	71	72	72	71	71	72	72	72	71	72	72	72	72	73	73	73	73	71	71	71		70.4
BEREA COLLEGE																																	
4 INCHES	MAX	66	67	68	70	71	71	72	73	74	75	77	77	77	74	74	75	75	73	74	75	75	75	78	77	75	75	75	73	75	77		73.8
	MIN	64	63	64	68	68	68	68	69	69	73	75	75	72	69	70	74	72	69	70	71	70	71	74	74	74	74	71	68	73	75		70.5
20 INCHES	5 PM	63	63	63	63	64	65	65	66	66	67	67	68	69	69	69	69	69	69	69	69	69	69	69	70	70	70	70	70	70	70		67.6
CAMPBELLSVILLE																																	
4 INCHES	MAX	73	74	74	75	76	77	77	78	78	80	81	81	78	78	82	81	75	78	78	79	78	82	82	80	77	79	74	76	82	82		78.2
	MIN	64	66	66	67	67	70	70	71	71	72	73	75	70	68	69	69	69	58	70	70	70	71	71	71	74	74	69	62	70	73		69.3
20 INCHES	6 PM	62	62	63	64	65	65	66	67	67	67	69	69	69	69	69	69	69	68	69	69	69	70	70	70	70	70	70	69	69	70		67.8
CUMBERLAND GAP PARK																																	
4 INCHES	MAX	70	71	75	75	75	76	76	74	75	77	78	78	77	77	78	78	76	75	76	77	77	78	79	80	77	75	76	76	77	80		76.3
	MIN	62	67	68	69	69	70	71	70	70	71	74	74	72	70	70	71	71	69	71	71	70	72	73	75	74	74	73	71	71	73		70.9
20 INCHES	5 PM	64	64	65	66	66	67	67	68	68	68	70	70	70	70	70	70	70	69	69	70	70	70	71	71	71	72	71	71	70	71		69.0
FLEMINGSBURG 1 SW																																	
4 INCHES	MAX	61	64	64	66	66	67	68	68	69	72	74	74	72	73	73	71	71	73	74	73	75	74	75	75	73	73	73	69	72	75		70.9
	MIN	58	60	62	62	63	64	65	65	67	67	68	70	66	65	65	67	66	64	67	67	66	67	69	70	70	70	66	63	65	68		65.7
20 INCHES	6 PM	60	59	59	60	60	61	61	62	63	64	64	64	66	66	66	66	66	66	66	66	66	66	66	66	67	67	67	67	67	67		64.4
GLASGOW WKAY																																	
4 INCHES	MAX	69	69	73	75	76	76	76	77	77	78	78	79	78	77	77	74	76	74	76	77	77	77	79	79	79	78	77	75	78	79		76.3
	MIN	66	67	66	70	72	72	72	73	73	73	73	75	72	69	70	70	73	71	71	72	72	72	76	76	76	74	71	68	71	73		71.6
20 INCHES	6 PM	62	63	64	65	66	66	67	67	68	68	68	69	69	68	68	68	68	68	68	69	69	69	70	70	71	71	69	68	68	69		67.8
GREENVILLE 2 W																																	
4 INCHES	MAX	77	74	80	82	82	83	83	84	84	85	86	85	85	84	83	83	82	83	88	85	85	84	85	84	84	81	79	75	77	80		82.4
	MIN	71	71	72	74	75	76	77	77	76	78	80	80	77	75	75	77	78	75	77	78	77	77	79	79	79	78	73	70	73	75		76.0
20 INCHES	6 PM	65	66	66	68	69	69	70	70	71	71	72	73	73	73	72	72	73	73	73	73	73	73	73	74	74	74	73	72	71	72		71.4
HENDERSON 7 SSW																																	
4 INCHES	MAX	72	72	75	76	76	77	78	78	79	79	79	80	80	78	76	77	78	77	78	78	78	78	78	79	79	79	77	74	76	78		77.3
	MIN	70	71	70	72	73	74	75	75	76	76	77	77	75	73	74	75	76	74	74	75	75	76	77	77	77	76	71	70	73	75		74.3
20 INCHES	6 PM	64	65	65	66	66	67	68	68	68	69	70	70	70	70	69	69	69	70	70	70	70	70	70	71	71	71	71	69	69	70		68.8
IRVINGTON																																	
4 INCHES	MAX	72	72	74	76	77	79	80	80	81	82	84	83	81	81	77	79	80	80	80	81	81	81	81	81	81	80	79	75	77	80		79.2
	MIN	69	69	70	72	72	74	76	76	76	77	78	78	74	73	73	76	76	74	74	76	74	76	78	79	79	78	73	70	73	75		74.6
20 INCHES	6 PM	62	62	63	64	64	65	66	67	68	68	69	69	69	69	69	69	67	69	69	69	69	69	70	70	70	70	70	69	69	70		67.8
LEXINGTON CAMPUS FARM																																	
BARE GROUND																																	
1 INCH	MAX	71	83	83	87	89	91	92	92	94	98	100	87	87	91	97	85	83	88	92	82	92	95	91	82	80	81	68	79	81	93		87.1
	MIN	57	64	62	61	58	63	65	66	67	68	69	67	55	55	61	67	64	60	62	63	58	53	70	71	70	67	59	58	62	67		63.0
2 INCHES	MAX	73	80	79	84	86	87	88	88	88	94	95	85	83	87	92	83	80	85	89	83	87	91	88	80	79	79	69	77	84	94		84.6
	MIN	58	64	62	62	60	64	66	67	68	69	70	69	58	67	62	68	64	61	62	64	59	64	71	72	70	69	60	59	63	67		64.6
4 INCHES	MAX	70	74	74	78	80	80	81	81	83	87	88	81	78	80	85	78	77	79	87	79	81	84	82	77	76	77	72	73	78	83		79.4
	MIN	60	64	62	64	63	66	68	68	70	71	72	73	63	61	65	70	66	64	66	67	63	67	72	73	71	72	63	61	64	68		66.6
8 INCHES	MAX	66	68	69	72	73	74	74	75	77	79	80	77	74	74	77	75	73	78	76	74	75	77	77	75	74	75	72	70	73	77		74.3
	MIN	62	64	65	65	65	67	68	69	70	72	73	74	67	65	67	71	69	67	68	69	66	69	73	73	72	72	66	64	66	69		68.2
SOD																																	
1 INCH	MAX	67	71	72	75	76	76	76	76	76	78	79	78	75	76	78	76	75	77	78	77	77	78	79	76	75	77	73	73	76	78		75.8
	MIN	62	64	64	65	65	67	68	69	69	70	71	72	67	65	66	69	68	67	68	68	67	68	71	73	72	73	66	66	67	70		67.9
2 INCHES	MAX	67	70	71	74	77	75	74	74	75	77	78	77	74	74	76	75	74	76	77	76	76	77	78	76	75	76	73	72	75	77		74.9
	MIN	62	64	64	65	65	67	68	69	69	70	71	72	67	66	67	69	68	72	68	69	67	69	71	73	72	73	67	67	68	70		68.3
4 INCHES	MAX	66	68	69	72	73	73	73	72	74	75	76	76	73	73	75	74	73	76	75	74	75	75	76	75	74	75	72	71	74	76		73.4
	MIN	62	64	64	65	65	67	68	69	69	70	71	72	68	67	68	69	69	68	69	69	68	69	71	73	72	72	68	68	69	70		68.4
8 INCHES	MAX	65	66	67	68	68	70	69	70	70	72	73	73	72	70	71	72	71	71	72	72	72	73	74	73	73	73	73	70	72	73		70.9
	MIN	63	64	64	65	66	67	68	69	69	70	71	72	69	69	68	69	69	68	70	70	69	68	71	72	72	73	69	69	69	70		68.7
20 INCHES	7 PM	62	62	63	63	63	64	65	66	66	66	67	68	68	67	67	68	68	68	68	68	68	68	68	70	70	70	70	69	68	69		66.9
40 INCHES	7 PM	59	59	59	60	59	60	60	61	61	61	62	62	63	63	63	63	64	64	64	64	64	64	65	65	65	66	66	66	66	65		62.8
MAYFIELD RADIO WNGO																																	
4 INCHES	MAX	78	76	80	81	84	83	81	79	84	86	85	84	86	82	86	86	82	82	83	82	89	-	86	86	81	82	82	82	80	86		82.9
	MIN	74	73	75	75	76	76	72	77	77	77	80	80	77	75	78	80	79	75	76	78	76	-	80	80	80	79	79	73	72	76		76.7
20 INCHES	4 PM	68	68	71	72	70	71	73	78	73	76	74	74	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station			Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
PRINCETDN 1 SE																																		
4	INCHES	MAX	73	72	77	78	79	80	80	80	81	81	83	81	81	80	80	81	79	80	81	82	81	82	82	83	83	79	77	75	79	82		79.7
		MIN	69	69	70	72	73	74	74	75	75	75	77	75	72	71	73	75	74	72	73	75	73	75	76	77	77	75	70	67	72	73		73.3
20	INCHES	5 PM	65	66	67	67	68	69	70	70	71	71	72	72	72	72	72	72	70	72	72	72	72	72	73	73	73	73	72	71	71	71		70.8
QUICKSAND																																		
4	INCHES	MAX	73	71	74	75	77	78	79	77	80	81	82	83	84	83	82	83	81	78	79	87	82	81	82	83	80	85	80	75	87	81		80.1
		MIN	65	68	67	68	68	69	71	72	72	75	75	77	72	70	71	72	73	69	71	74	71	71	75	71	74	80	73	69	69	72		71.5
20	INCHES	4 PM	65	65	65	66	67	68	69	69	70	70	71	77	73	71	71	71	72	70	71	72	72	72	72	75	73	73	73	71	71	72		70.6
SANDY HOOK 5 NE																																		
4	INCHES	MAX	70	69	69	70	76	77	79	76	80	82	83	82	80	75	80	80	77	77	78	79	78	80	80	78	77	77	77	73	78	82		77.3
		MIN	62	66	68	68	67	71	71	71	72	75	75	76	70	63	69	71	70	67	69	71	67	69	73	75	74	74	73	62	68	72		70.0
20	INCHES	6 PM	63	63	64	64	65	66	66	67	64	68	70	70	71	70	70	70	70	69	70	70	70	70	70	71	72	72	72	71	71	71		68.7
SOMERSET 2 N																																		
1	INCH	MAX	71	71	76	75	77	77	77	76	83	85	88	85	85	82	83	82	83	81	81	81	82	82	83	82	82	79	79	79	81	84		80.4
		MIN	64	66	67	68	67	67	70	71	70	78	75	75	72	69	70	72	77	69	70	72	69	71	73	77	73	74	70	67	70	72		70.8
4	INCHES	MAX	71	70	73	74	76	77	77	75	79	81	84	83	85	81	82	81	77	78	-	-	-	-	-	-	77	77	77	76	78	81		77.9
		MIN	65	67	68	70	68	69	72	72	71	73	75	75	73	74	71	73	73	70	-	-	-	-	-	-	74	74	71	68	70	72		71.2
20	INCHES	6 PM	66	66	66	67	67	67	67	71	69	70	71	71	73	72	72	72	72	72	71	72	72	73	73	73	74	73	73	72	72	72		70.7
WILLIAMSTDWN 3 NW																																		
4	INCHES	MAX	66	70	71	73	74	75	75	75	77	77	78	78	77	78	75	74	74	74	74	74	74	73	75	74	75	74	74	69	72	74		74.1
		MIN	64	65	68	68	69	70	71	73	72	72	75	75	70	75	70	71	71	70	70	70	69	70	73	73	74	73	68	66	68	70		70.4
20	INCHES	6 PM	61	61	62	62	63	64	65	65	66	67	67	68	68	68	67	67	67	67	67	67	67	67	68	68	68	68	68	67	67	67		66.1

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN S.J. PREP SCHOOL	PEMBROKE SILT LOAM	CLIPPEO BLUEGRASS SOD	2ERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	2ERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS ANO CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	2ERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOO AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

EXTREMES

HIGHEST TEMPERATURE 5 STATIONS	97	OATE	30+
LOWEST TEMPERATURE 2 STATIONS	4I	OATE	04+
GREATEST TOTAL PRECIPITATION CANEYVILLE	4.94		
LEAST TOTAL PRECIPITATION JEREMIAH	.15		
GREATEST I DAY PRECIPITATION 2 STATIONS	2.30	OATE	12+

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
JUNE 1968
DELAYED DATA

Station		Total	Day of Month																														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																	
JANUARY 1968																																	
PARADISE STEAM PLANT	R	1.83	.20		.10	.02		.10	.08		.03	.02			.30	.33	.12								.05						.08	.09	.31 .
* * *																																	
FEBRUARY 1968																																	
PARADISE STEAM PLANT	R	.89		.73				.06	.02														.03						.05				.
* * *																																	
MARCH 1968																																	
PARADISE STEAM PLANT	R	5.06										*	*	1.74	.05			.20	.05			.30	1.40	.60	.62								.10 .

See Reference Notes Following Station Index

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN S J PREP SCH	0397	02	NELSON	8	37 48	85 28	631	5P	5P		GH	ST. JOSEPH PREP. SCHOOL
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 20	390				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. ORYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		M	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	450		6P			JOE RAY ALLEN
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C M	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		PHILLIP O. THACKER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			KENTUCKY UTILITIES
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			WILLIAM F. BRAMBLETT
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	650	6P	6P		GH	WAYDE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	8A			MONUS S SMAIN, JR
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.+E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD C. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYONOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISION
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	116	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	625		7A		C	JOE M. SLAYDEN
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL 2 WNW	6013	04	CARTER	7	38 19	83 12	895				C	GEORGE E. DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		7A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			COPPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	WM C JARRELLS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TATHAM SPRINGS	7924	02	WASHINGTON	8	37 52	85 09	670				C	CHARLIE S. KAYS
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1630		8A			MRS. KATHLEEN H. PETERS
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	880				C	JAMES D. BRADLEY
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS,

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

DATE	TABLE	DIVISION	STATION	CORRECTION
APRIL 1968	CLIMATOLOGICAL DATA	BLUE GRASS 03	FRANKFORT LOCK 4	TOTAL PRECIPITATION 4.42, DEPARTURE FROM NORMAL + .40, NUMBER OF DAYS WITH PRECIPITATION .10 OR MORE 7, .50 OR MORE 4
APRIL 1968	CLIMATOLOGICAL DATA	BLUE GRASS 03	DIVISION	AVERAGE PRECIPITATION 4.69, DEPARTURE FROM NORMAL + .73
APRIL 1968	DAILY PRECIPITATION	BLUE GRASS 03	FRANKFORT LOCK 4	TOTAL 4.42, AMOUNT ON 1ST .75
MAY 1968	DAILY SOIL TEMPERATURES			PAGES 58 & 59 SHOULD HAVE HEADING "DAILY SOIL TEMPERATURES"

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
	No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

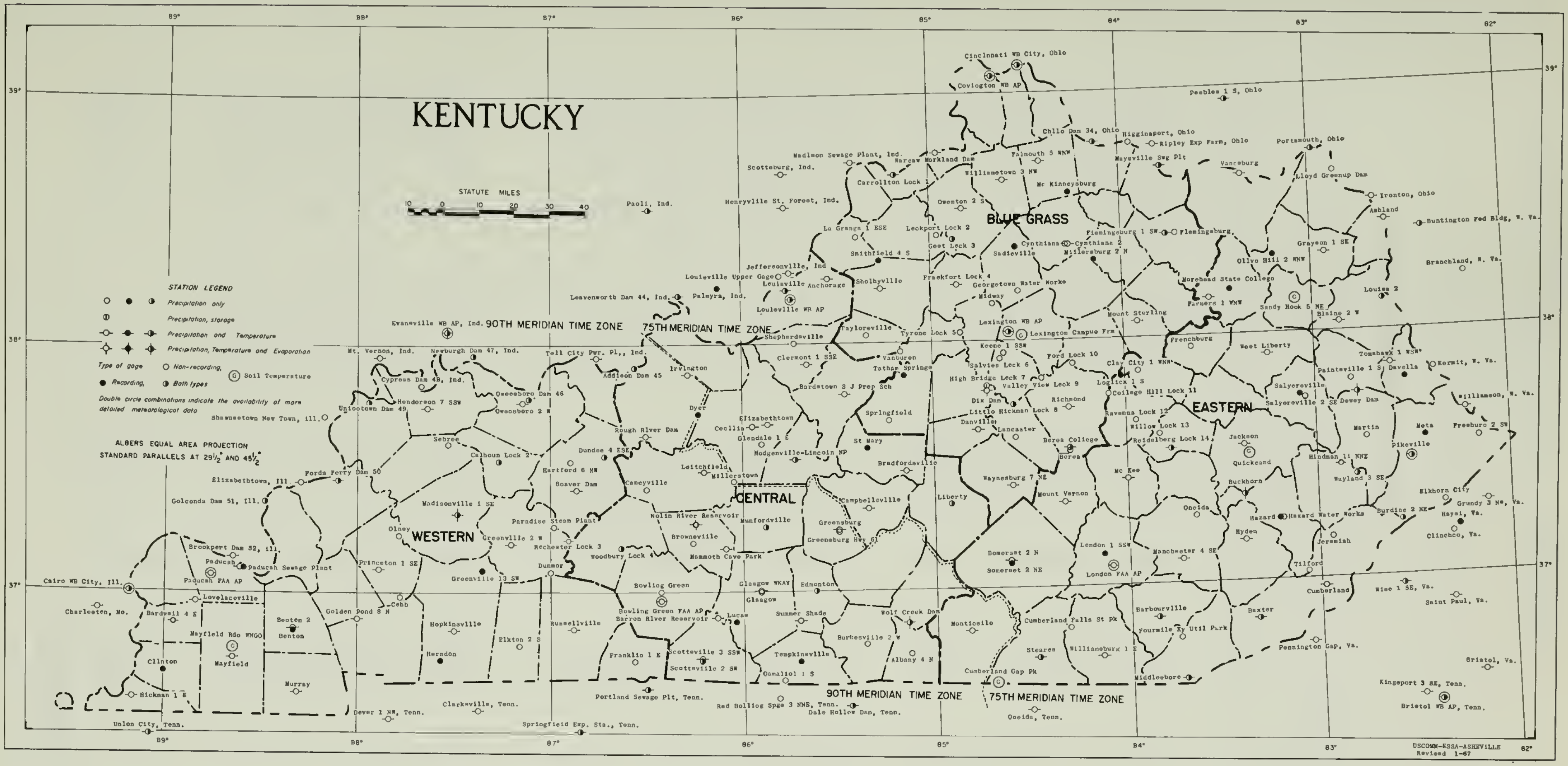
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-7/31/68-840


KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
-○- -●- -◑- Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording, ● Recording, ◑ Both types
Ⓖ Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
89°
88°
87°
86°
85°
84°
83°
82°
39°
38°
37°
WESTERN
CENTRAL
BLUE GRASS
EASTERN
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
Evansville WB AP, Ind.
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Cypress Dam 48, Ind.
Henderson 7 SSW
Uniontown Dam 49
Shawneetown New Town, Ill.
Owensboro Dam 46
Owensboro 2 W
Sebree
Calhoun Lock 2
Fords Ferry Dam 50
Elizabethtown, Ill.
Golconda Dam 51, Ill.
Madisonville 1 SE
Olney
Greenville 2 W
Paradise Steam Plant
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Paducah FAA AP
Princeton 1 SE
Greenville 13 SW
Cairo WB City, Ill.
Lovelaceville
Charleston, Mo.
Bardwell 4 E
Cobb
Golden Pond 8 N
Benton 2
Benton
Hopkinsville
Mayfield Rdo WNGO
Mayfield
Elkton 2 S
Herndon
Clinton
Murray
Hickman 1 E
Clarksville, Tenn.
Dover 1 NW, Tenn.
Union City, Tenn.
Springfield Exp. Sta., Tenn.
Paoli, Ind.
Tell City Pwr. Pl., Ind.
Addison Dam 45
Irvington
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville Upper Gage
Jeffersonville, Ind
Louisville
Anchorage
Louisville WB AP
Madison Sewage Plant, Ind.
Scottsburg, Ind.
Henryville St. Forest, Ind.
Warsaw Markland Dam
Carrollton Lock 1
La Grange 1 ESE
Lockport Lock 2
Gest Lock 3
Smithfield 4 S
Shelbyville
Frankfort Lock 4
Taylorsville
Tyrone Lock 5
Shepherdsville
Clermont 1 SSE
Vanburen
Tatham Springs
Bardstown S J Prep Sch
Springfield
Dyer
Elizabethtown
Cecilia
Glendale 1 E
Hodgenville-Lincoln NP
St Mary
Bradfordsville
Rough River Dam
Dundee 4 ESE
Hartford 6 NW
Beaver Dam
Caneyville
Leitchfield
Millerstown
Nolin River Reservoir
Munfordville
Campbellsville
Greensburg
Greensburg Hwy 61
Brownsville
Rochester Lock 3
Woodbury Lock 4
Mammoth Cave Park
Dunmor
Bowling Green
Bowling Green FAA AP
Barren River Reservoir
Lucas
Glasgow WKAY
Glasgow
Edmonton
Summer Shade
Russellville
Franklin 1 E
Scottsville 3 SSW
Scottsville 2 SW
Tompkinsville
Gamaliel 1 S
Burkesville 2 W
Albany 4 N
Wolf Creek Dam
Portland Sewage Plt, Tenn.
Red Boiling Spgs 3 NNE, Tenn.
Dale Hollow Dam, Tenn.
Cincinnati WB City, Ohio
Covington WB AP
Falmouth 5 WNW
Williamstown 3 NW
Owenton 2 S
Mc Kinneysburg
Cynthiana
Cynthiana 2
Sadieville
Millersburg 2 N
Georgetown Water Works
Midway
Lexington WB AP
Lexington Campus Frm
Keene 1 SSW
Salvisa Lock 6
High Bridge Lock 7
Valley View Lock 9
Dix Dam
Little Hickman Lock 8
Danville
Lancaster
Richmond
Berea College
Berea
Waynesburg 7 NE
Liberty
Mount Vernon
Somerset 2 N
Somerset 2 NE
Monticello
Cumberland Falls St Pk
Stearns
Williamsburg 1 E
Cumberland Gap Pk
Oneida, Tenn.
Peebles 1 S, Ohio
Chilo Dam 34, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Maysville Swg Plt
Portsmouth, Ohio
Vanceburg
Lloyd Greenup Dam
Ironton, Ohio
Ashland
Huntington Fed Bldg, W. Va.
Flemingsburg 1 SW
Flemingsburg
Grayson 1 SE
Olive Hill 2 WNW
Branchland, W. Va.
Morehead State College
Farmers 1 WNW
Sandy Hook 5 NE
Louisa 2
Blaine 2 W
Mount Sterling
Frenchburg
West Liberty
Ford Lock 10
Clay City 1 WNW
Lilick 1 S
College Hill Lock 11
Ravenna Lock 12
Willow Lock 13
Heidelberg Lock 14
Tomahawk 1 WSW
Kermit, W. Va.
Paintsville 1 S
Davella
Salyersville
Salyersville 2 SE
Dewey Dam
Williamson, W. Va.
Martin
Meta
Freeburn 2 SW
Pikeville
Jackson
Quicksand
Hindman 11 NNE
Wayland 3 SE
Mc Kee
Buckhorn
Oneida
Hazard
Hazard Water Works
Hyden
Elkhorn City
Grundy 3 NE, Va.
Burdine 2 NE
Haysi, Va.
Clinchco, Va.
Jeremiah
London 1 SSW
London FAA AP
Manchester 4 SE
Tilford
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Barbourville
Baxter
Fourmile Ky Util Park
Pennington Gap, Va.
Middlesboro
Bristol, Va.
Kingsport 3 SE, Tenn.
Bristol WB AP, Tenn.
USCOMM-ESSA-ASHEVILLE
Revised 1-67

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
JULY 1968
Volume 63 No. 7

CLIMATOLOGICAL DATA

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	91.0	65.6	78.3		97	17	49	5+	0	25	0	0	0	2.83		.97	28	.0	0		5	2	0
BEAVER DAM	89.5	64.1	76.8		95	18+	46	5+	2	21	0	0	0	5.00		1.63	21	.0	0		7	5	1
FORDS FERRY DAM 50	88.5	67.0	77.8		93	23+	54	5+	0	18	0	0	0	5.35	2.19	1.97	11	.0	0		8	4	1
GILBERTSVILLE 1 SE	90.4	67.7	79.1		96	18	51	5	0	22	0	0	0	4.16		1.13	23	.0	0		8	3	1
GOLDEN POND 8 N	89.8	68.8	79.3		98	23	57	5	0	19	0	0	0	.79		.32	28	.0	0		3	0	0
GREENVILLE 2 W	89.5M	66.3M	77.9M	.3	94	20+	48	5	0	18	0	0	0	3.24	- 1.13	1.37	25	.0	0		6	2	1
HENDERSON 7 SSW	88.0	66.7	77.4	- 1.2	94	1	50	4	0	15	0	0	0	7.95	4.55	1.92	10	.0	0		11	5	3
HICKMAN 1 E	90.8	65.8	78.3		97	1	50	5	0	23	0	0	0	4.82		2.27	28	.0	0		4	4	2
HOPKINSVILLE	90.4	63.6	77.0	- 1.5	97	24+	49	6	0	19	0	0	0	6.08	2.15	2.95	28	.0	0		6	4	1
LOVELACEVILLE	89.2	65.7	77.5	- 1.5	94	22+	50	5+	0	17	0	0	0	3.64	.32	.96	27	.0	0		9	3	0
MADISONVILLE 1 SE	89.5	65.0	77.3		95	1	48	4	0	19	0	0	0	3.96		2.00	26	.0	0		8	2	1
MAYFIELD RADIO WNGO	91.1M	68.6M	79.9M		97	1	49	4	0	24	0	0	0	6.21		3.30	28	.0	0		6	3	1
MURRAY	86.6	67.1	76.9	- 2.2	92	2	53	5	0	7	0	0	0	4.23	.30	1.54	28	.0	0		7	3	1
OWENSBORO 2 W	89.6	66.5	78.1	- .3	95	20	51	5	0	19	0	0	0	3.93	.43	1.12	9	.0	0		8	3	1
PADUCAH FAA AIRPORT	89.2	67.1	78.2		95	21+	52	4	0	17	0	0	0	1.95		.92	31	.0	0		6	1	0
PADUCAH	89.6	67.9	78.8		94	20+	52	5+	0	19	0	0	0	3.67	.19	1.01	11	.0	0		9	3	1
PRINCETON 1 SE	89.4	66.1	77.8	- 1.0	94	22+	50	5+	0	18	0	0	0	3.62	.17	1.61	8	.0	0		6	2	1
ROCHESTER LOCK 3	87.4	65.1	76.3		94	2	48	5	2	15	0	0	0	5.05		1.05	26	.0	0		7	5	2
RUSSELLVILLE	87.9	64.0	76.0	- 2.3	94	2+	46	5	3	15	0	0	0	6.07	1.76	1.55	26	.0	0		6	5	3
DIVISION			77.8	- .8										4.34	.37			.0					
* * *																							
CENTRAL 02																							
ANCHORAGE	86.7	64.2	75.5	- .4	92	12	49	4	1	7	0	0	0	4.46	.69	.88	25	.0	0		9	4	0
BARDSTOWN S J PREP SCH	88.6	64.8	76.7		93	17+	50	5+	1	16	0	0	0	5.42		1.01	2	.0	0		9	5	1
BARREN RIVER RESERVOIR	89.5	64.7	77.1		96	23+	48	5	1	19	0	0	0	2.81		.74	27	.0	0		7	1	0
BOWLING GREEN FAA AP	88.4	66.1	77.3	- 1.8	95	1	52	5	0	17	0	0	0	3.85	- .34	.77	1	.0	0		9	5	0
BRADFORDSVILLE	88.0	62.5	75.3		94	21+	44	5	9	13	0	0	0	4.41		1.03	3	.0	0		8	3	1
CAMPBELLSVILLE 2 SSW	88.5	64.5	76.5		95	1	49	5	1	14	0	0	0	4.35		1.10	27	.0	0		7	4	1
CECILIA	88.9	62.6	75.8	- 1.0	94	21+	46	5	3	18	0	0	0	2.57	- 1.55	1.03	2	.0	0		5	2	1
CLERMONT 1 SSE	89.0	62.1	75.6		93	18+	45	4	4	18	0	0	0	6.93		2.02	25	.0	0		7	4	3
GLASGOW WKAY	89.2	64.7	77.0		96	22+	49	5	0	20	0	0	0	3.53		2.15	22	.0	0		5	2	1
GREENSBURG	91.2	63.8	77.5	.1	98	2	48	5	0	23	0	0	0	3.35	- 1.12	1.92	28	.0	0		5	1	1
HODGENVILLE-LINCOLN NP	88.9	63.2	76.1		94	25+	47	5	4	16	0	0	0	2.96		1.12	11	.0	0		5	2	1
IRVINGTON	87.7	66.1	76.9	- .8	93	1	49	5	1	12	0	0	0	4.20	.66	1.66	25	.0	0		5	2	2
LEITCHFIELD 2 N	89.4	64.6	77.0	- .7	95	20+	47	5+	2	20	0	0	0	2.49	- 1.62	.66	28	.0	0		5	3	0
LOUISVILLE	90.3	69.1	79.7		96	25+	57	4	0	20	0	0	0	5.66		1.48	28	.0	0		10	4	2
LOUISVILLE WB AP R	87.7	67.7	77.7	.1	94	1	51	4	0	13	0	0	0	3.07	- .29	.85	27	.0	0		5	2	0
MAMMOTH CAVE PARK	88.5	62.3	75.4		93	22+	44	4	5	14	0	0	0	2.73		.80	23	.0	0		6	1	0
NOLIN RIVER RESERVOIR	88.4	63.8	76.1		95	21	48	4	2	18	0	0	0	5.43		2.04	27	.0	0		7	4	1
ROUGH RIVER DAM	89.0	63.5	76.3		95	21+	47	4	5	19	0	0	0	4.56		1.52	28	.0	0		6	3	2
SCOTTSVILLE 3 SSW	87.6	66.5	77.1		95	1	54	4	0	12	0	0	0	3.68		1.05	8	.0	0		8	3	1
SUMMER SHADE	88.7	64.2	76.5		94	22+	50	5	0	14	0	0	0	3.19		.94	27	.0	0		7	2	0
WOLF CREEK DAM	90.2	61.5	75.9		96	2	47	4	0	19	0	0	0	3.14		1.12	28	.0	0		6	2	2
DIVISION			76.6	- .8										3.94	- .21			.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	86.4	65.2	75.8	- 1.1	93	1	49	5	1	5	0	0	0	5.16	.00	1.20	2	.0	0		7	5	3
CARROLLTON LOCK 1	85.9	64.5	75.2		92	1	50	5+	1	8	0	0	0	4.98	1.38	1.60	26	.0	0		9	4	2
COVINGTON WB AIRPORT R	85.7	65.7	75.7	.3	94	1	50	4	0	7	0	0	0	7.50	3.89	1.87	25	.0	0		11	4	3
CYNTHIANA 2	87.5	62.5	75.0		94	2	45	5+	6	10	0	0	0	6.59		2.36	26	.0	0		9	4	2
DANVILLE	87.1	63.6	75.4		92	2+	50	6+	2	11	0	0	0	4.33	- .28	1.03	28	.0	0		8	4	1
DIX DAM	86.1	64.2	75.2		94	1	49	5	2	6	0	0	0	4.25		1.63	3	.0	0		10	2	1
FALMOUTH 5 WNW	86.3	61.1	73.7		93	1	42	4	5	9	0	0	0	6.10	1.84	2.05	16	.0	0		8	4	2
FARMERS 1 WNW	86.5	62.6	74.6	- 1.1	92	17+	46	5	2	7	0	0	0	1.94	- 2.85	.49	26	.0	0		8	0	0
FLEMINGSBURG 1 SW	84.3	63.3	73.8		91	1	46	5	3	2	0	0	0	8.37		2.94	26	.0	0		10	5	2
FRANKFORT LOCK 4	87.0	63.5	75.3	- 2.0	94	2	49	4	3	11	0	0	0	6.93	2.43	2.85	15	.0	0		10	4	1
LEXINGTON WB AIRPORT R	85.5	66.2	75.9	- 1.5	93	1	50	4	0	5	0	0	0	4.54	.56	.83	20	.0	0		10	4	0
MAYSVILLE SEWAGE PLANT	87.7	63.4	75.6	- .2	95	2	50	4	1	12	0	0	0	6.70	2.23	2.10	16	.0	0		9	4	2
MOUNT STERLING	85.9	64.8	75.4		93	18+	50	5+	1	9	0	0	0	3.05	- 2.08	1.21	25	.0	0		6	1	1
OWENTON 2 S	87.0	61.0	74.0		92	18+	44	4	3	13	0	0	0	5.68		1.63	26	.0	0		8	4	2
RICHMOND	87.0	64.3	75.7		93	2	51	5+	0	9	0	0	0	6.31		2.37	14	.0	0		10	4	1
SHELBYVILLE	86.2	63.7	75.0	- 1.9	93	2	51	5+	3	8	0	0	0	5.12	1.23	1.19	16	.0	0		7	5	1
WARSAW MARKLAND DAM	86.7	62.9	74.8	- 1.7	95	18	48	4	4	13	0	0	0	3.36	- .52	.63	27	.0	0		8	2	0
WAYNESBURG 7 NE	85.5	63.6	74.6		90	21+	49	4	3	4	0	0	0	6.34		1.23	26	.0	0		9	6	3
WILLIAMSTOWN 3 NW	85.2	65.2	75.2	- 1.8	92	22	52	4	0	5	0	0	0	8.96	4.94	1.60	25	.0	0		11	8	4
DIVISION			75.0	- 1.7										5.59	.99			.0					
* * *																							
EASTERN 04																							
ASHLAND	87.4	61.3	74.4	- 2.6	94	19+	47	5	4	13	0	0	0	3.98	- .06	1.02	14	.0	0		7	2	1
BARBOURVILLE	87.9	62.5	75.2		97	2	51	6+	0	10	0	0	0	4.79		1.16	28	.0	0		9	5	1
BAXTER	87.2	61.9	74.6		94	19+	51	6+	1	10	0	0	0	5.05		1.11	15	.0	0		9	5	2
BLAINE 2 W	87.5	58.2	72.9		93	2	42	6+	6	14	0	0	0	5.45		1.30	27	.0	0		9	5	1
CUMBERLAND	87.9	61.2	74.6		95	19+	48	5	0	10	0	0	0	3.37		.73	2	.0	0		8	2	0

See Reference Notes Following Station Index

THE LIBRARY OF THE
SEP 19 1968
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

Continued

KENTUCKY
JULY 1968

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
OEWEY OAM	89.5	62.2	75.9		97	2+	49	6+	0	17	0	0	0	7.66		2.05	3	.0	0		8	5	3
GRAYSON 3 SE	87.0	60.8	73.9		95	19	44	5	9	12	0	0	0	4.97		1.83	27	.0	0		11	3	1
HEIOELBERG LOCK 14 R	87.5	62.5	75.0		93	2+	45	5	0	12	0	0	0	4.94	- .20	1.40	27	.0	0		10	3	2
HINOMAN 11 NNE	87.7	60.5	74.1		95	19	46	5	2	11	0	0	0	2.39		.55	26	.0	0		7	1	0
HYOEN	88.4M	62.2M	75.3M		95	1	50	6	0	13	0	0	0	3.32		.93	27	.0	0		8	2	0
JACKSON	87.1	61.9	74.5		92	19+	47	5	4	10	0	0	0	5.61		1.12	16	.0	0		10	5	1
LONOON FAA AP	86.0	63.0	74.5		94	18	49	5	0	7	0	0	0	3.65		1.10	27	.0	0		9	3	1
MANCHESTER 4 SE	87.0	62.5	74.8		93	1	47	5	2	11	0	0	0	4.10		1.40	19	.0	0		6	4	1
MC KEE	85.7	58.8	72.3		93	1	43	5	14	8	0	0	0	2.97		.48	26	.0	0		9	0	0
MIOOLESBORO	85.9	62.5	74.2		93	1	51	6+	0	5	0	0	0	6.03		2.06	31	.0	0		10	4	1
MONTICELLO	88.4	63.0	75.7		94	12	48	5+	1	15	0	0	0	2.62		1.31	14	.0	0		4	2	1
MOUNT VERNON	87.0	63.5	75.3		93	1	47	5	2	13	0	0	0	5.35		1.26	25	.0	0		9	5	2
PIKEVILLE	88.8	64.5	76.7		97	1	54	4	0	17	0	0	0	4.31	- .88	.87	22	.0	0		7	5	0
SOMERSET 2 N	87.4	62.7	75.1		93	1	49	5	0	12	0	0	0	3.82		1.40	14	.0	0		7	2	1
STEARNS	86.5	61.5	74.0		96	23	45	16	0	6	0	0	0	3.75		1.08	28	.0	0		8	3	1
TOMAHAWK 1 WSW	86.0	59.6	72.7		92	19+	43	5	8	5	0	0	0	5.94		.94	15	.0	0		10	7	0
VANCEBURG	84.8	58.6	71.7		93	1	41	6+	12	5	0	0	0	7.09	2.53	2.54	25	.0	0		8	6	2
WEST LIBERTY																							
WILLIAMSBURG 1 E																							
OIVISION			74.4	- 2.0										4.60	- .16			.0					

EXTREMES

HIGHEST TEMPERATURE 2 STATIONS	98	OATE	23+
LOWEST TEMPERATURE VANCEBURG	41	OATE	06+
GREATEST TOTAL PRECIPITATION FLEMINGSBURG	9.15		
LEAST TOTAL PRECIPITATION GOLOEN POND 8 N	.79		
GREATEST 1 OAY PRECIPITATION MAYFIELO RAOIO WNGO	3.30	OATE	28

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
JULY 1988

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	2.83	T	.43						.07		T				T		.23		.22	.09			.02	T			.01	.78	.97			.01
BEAVER DAM	5.00								.11											.10		1.63				.96	.51	.91	.78			
CALHOUN LOCK 2	4.99		.06	.28					T	.24	T	.01		T		.04				.49				.53			.77	1.91	.68			
COBB	4.96		.20							.83	.42					.18						T		1.08			.57	.28	1.40	T		
DAWSON SPRINGS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNDEE 4 ESE	3.52			.18														.20		.25			.10				.45	1.82	.52			
DUNMOR	2.71		.25							.07														.28			.77	.52	.82			
ELKTON 2 S	3.50									.13	.06				.05			.12				T	.02				.12	.36	2.52	.12		
FORDS FERRY DAM 50	5.35		T	.12					.07	.12		1.97			T	T	.90			.88							.40	.74	.17			
FRANKLIN 1 E	3.48								.11	1.23								.05					T				.68	.46	.68	.29		
GILBERTSVILLE 1 SE	4.16		.13			T			.96	T	.01	.07		.02		T	.02			.11			.06	1.13	T	.52	.27	.40	.46			
GOLDEN POND 8 N	.79		.23							.09		T								.05				.10					.32			
GREENVILLE 2 W	3.24		.11						.38	.04				.54						.10						1.37	.82	.08				
HARTFORD 6 NW	3.59		.03	T					.21	.14						T	T			.21			.10	.02			.59	1.81	.48			
HENDERSON 7 SSW	7.95		.11						1.84		1.92					.16	.34		.65	1.51				.23		.88	.18	.36				.01
HICKMAN 1 E	4.82		.55						.75	.03		1.08			T		T			T				T	.08	.08	.02		2.27			
HOPKINSVILLE	6.08		.92																			.41		.38			.79	.82	2.95	.03		
LOVELACEVILLE	3.64		.24						.55			.12	.12				.33		T					.28		.64		.96	.40			
MADISONVILLE 1 SE	3.96		.21							.34	T	.03					.02			.81			.10	.30			2.00	.25	.10			
MAYFIELD RADIO WNGO	6.21		.39						.05	T		.52					.98					T	.07	.48	T	.41			3.30	.01		
MURRAY	4.25		.43						.88		T	.21	.02	.03			.73						.19	.10			.01	.09	1.54			
OWENSBORO 2 W	3.93			.10					.12	1.12		.33				T				.60							.45	.75	.48			
OWENSBORO DAM 46	4.83			.11					.09	1.22		.51			T		T			.44				.07	.52		.51	.48	.70			
PADUCAH FAA AIRPORT	1.95	.07	.02						.18				T			.23			.23			T				.07	.11	.02	.10			.92
PADUCAH	3.87		.14						.37	T		1.01					.48			.10	.28						.68	.50	.11			
PARADISE STEAM PLANT R	3.57		.02							.02				.48	.10					.02				.43			.89	.98	.85			
PRINCETON 1 SE	3.82		.08						1.81	.20	T	.08								.28				.06		.37	.70		.28			
ROCHESTER LOCK 3	5.05									.24	.78												1.02	.34		.06	1.05	.85	.71			
RUSSELLVILLE	8.07									.80	1.20				.34									.04			1.55	.74	1.40			
SEBREE	7.09		.38						.36	.14		.24									2.53			.24			.25	2.33	.82			
UNIONTOWN DAM 49 //	4.48			.14					T			.82					.28			1.57							1.49	.15	.03			
• • • CENTRAL 02																																
ADDISON DAM 45 //	2.00		T	.05					T	.06	.20				T		.12			.17				.53			.26	.25	.38			
ALBANY 4 N	3.88								.32						.33			.20					.97	.05				.47	1.37	.17		
ANCHORAGE	4.46		.08											.48	.13	.19	.23			.22						.88	.65	.82				.78
BARDSTOWN S J PREP SCH	5.42		1.01	T					.02	.01		.78			.58		.97					.01	.21			.42	.14	.29	.98			T
BARREN RIVER RESERVOIR	2.81								.03	.48								.09						.21		.25	.32	.74	.47	.22		
BOWLING GREEN	3.14		T						.87									.07						.75			.50	.75	.40			
BOWLING GREEN FAA AP	3.85	.77							.63								.30	.52					.14			.50	.29	.58	.12			T
BRADFORDSVILLE	4.41		.30	1.03						.46					.23									.12		.40		.88	.99			
BROWNSVILLE	3.33		.42							.11					T			.62						.08		T	.69	.58	.83			
BURKESVILLE 2 W	5.45		.14	T										.48				1.23						.04				2.27	1.26	.03		
CAMPBELLSVILLE 2 SSW	4.35		.79						.07	T				.27	.98		.19						T	.06			T	1.10	.80	.11		T
CANEYVILLE	4.96								.16	.42	.08													.68			.17	2.17	1.28			
CECILIA	2.57		1.03						T	T	T		T				.30					.25				.34		.85				
CLERMONT 1 SSE	6.93		.17						.12	.02		1.70	T		1.86		.03			.01		T	.06			2.02	.04	.22	.88			T
EDMONTON	3.47		.05	.30					.10	.12													.65	.25			.10	.65	1.25			
GAMALIEL 1 S	2.08		.44	.40					T	.10	T				T			.28						T			.03	.30	.29	.24		
GLASGOW	3.24		.03							.10				.07										1.82		.11	.22	.62	.27			
GLASGOW WKAY	3.53		.15						.10	.02	T			.02	T			T					2.15	.09	T	.01	.51	.44	.04			
GLENDALE 1 E	5.07			1.88						T		1.88											.58				.04		.93	T		
GREENSBURG	3.35			T					.13	T					.28	T		.05						.48			.07	.42	1.92			
GREENSBURG HIWAY 61	3.88		T	T					.28	.03					.60			.02						.85	.02		.13	.10	1.85			
HODGENVILLE-LINCOLN NP	2.98		.45						.42	T		1.12					.05										T	.62	.30			T
IRVINGTON	4.20		.30						.02	1.28							.04			.44				T		1.68	T	.46				
LEITCHFIELD 2 N	2.49			.07					T	.03	.01									T			.84	.14		.22	.07	.85	.88			
LIBERTY	4.67			.07					.02	.58					2.11	.13	.10	.01					.07				.08	.15	1.37			
LOUISVILLE	5.66		.07						T	.50	T	.09	1.24	.04		.17				.38	T		.10			.42	.29	.12	1.48			.78
LOUISVILLE WB AP R	3.07		.15						.04	.71	.02		.02	.08	.01	T	.01		.08	.09			.09		.01	.40	.06	.85				.47
LOUISVILLE UPPER GAGE	4.90		T	.12						.01	.81	T		1.50	.10	.21	.02			.48				.15			.23	.15	1.12			
MAMMOTH CAVE PARK	2.73		.08						.32	.07					T			.38						.80	.01	T	.45	.18	.44			
MILLERSTOWN	3.88									.04		1.17				.10	.65	.17								.12	.06	.50	.85			
MUNFORDVILLE	4.77								T	.22		T	.29	T			.22	T						.72			.26	2.05	1.03			
NOLIN RIVER RESERVOIR	5.43		.02						T	.07		.47					.81	.64		.12				.04			.44	2.04	.78			
ROUGH RIVER DAM	4.56			.57					T	1.50						T	T	T		.15	T		T	T			.47	.35	1.52	T		
SCOTTSVILLE 3 SSW	3.68		.20						1.05	.10					.09		.15						.79		.05	.15	.33	.05	.68			.04
SCOTTSVILLE 2 SW	2.90		.03						.20	1.15	.05					T		.20			.12			.30			.08	.20	.47	.10		
SHEPHERDSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		.35	T			.15		1.15	1.20		.32			
SUMMER SHADE	3.19		.22						.42	.07							T						.07		.05	.11	.36	.94	.76			.19
WOLF CREEK DAM	3.14		T	.23											.11			.31						.18			.07	1.10	1.12	.02		
WOODBURY LOCK 4	3.35								.06	.02	.26						.11			.09				.15			1.51	.30	.85			
• • • BLUE GRASS 03																																
BEREA COLLEGE	5.16		1.20						T				.01	T	1.07	.02	.33						.71	T		.14	.56	1.11	.01			
BEREA	5.67			1.09						T				.07	.01	1.33	.21	.07					.48	.62			.62	.29	.88			T
CARROLLTON LOCK 1	4.98		.12							T	.02	T			.07	.50	1.32	.15		.60	T	T		.29		.03	1.60	.14	.14			
COVINGTON WB AIRPORT R	7.50	.16	T						.21	T	1.16			T	.40	1.50			.23	.32			.06	.03	T	1.87	.70	.42				.44
CYNTHIANA	6.61		.39	T					.06	.68					.32	1.16	.17			.06	T			.71		.34	.97	1.69	.06	T		
CYNTHIANA 2	6.59		.42	.05						.71					.44	1.20	.20	T		.08				.65		.33	2.36	.10	.05			
DANVILLE	4.33		.05	.53						.12				.62	.07	.40	.83							.34			.01	.30	1.03			.03
DIX DAM	4.25		.10	1.63						.19						.64	.34						.35	.10			.38	.14	.38			
FALMOUTH 5 WNW	6.10								.04	T	.03				.02	.93	2.05	.32		T				.21		.23	.55	.44	1.28			
FARMERS 1 WNW	1.94			.16										.30		.10	.16			.07	.02			.21		.22	.49	.03	.18			T
FLEMINGSBURG	9.15			.03						T		.21		1.45		.92	.95	.22			.03			.36			1.33	3.19	.46			
FLEMINGSBURG 1 SW	8.37		.03						T		.27	T	.86		.53	.75	.30						.27			1.60	2.94	.34	.03		.01	.44
FORD LOCK 10	3.48		.35	.12						.48					7	1.07	.47			.05	T		.20	.05			.43	.02	.24			
FRANKFORT LOCK 4	6.93		.47	.10	7				.07	.02				.03	.46	2.85	.33	.03		.04		T		.19		.59	.75	.33	.67			
GEORGETOWN WATER WORKS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEST LOCK 3	4.34		.05	T					.03	T			T	.10	.06	1.43	.21	.12		.15				T		T	1.77	.21	.21			
HIGH BRIDGE LOCK 7	3.33		T	1.00					.13	.11						.69	.19	T				.11	.09	.26			.06		.69	T		
KEENE 1 SSW	8.93	T		1.02					.16	.52		.80			2.32	.81	1.21			.02		.59	1.02				.12		.34			
LA GRANGE 1 ESE	5.36	T	.05						.02				.03	.53	.08	.02	.22			.40	.04		.21			.68	1.35	.44	.02	.15		1.12
LANCASTER	6.74			.60									.30			.73	1.82						.51	1.23			.28	.52	.75			
LEXINGTON WB AIRPORT R	4.54	7	.16						.22	T	.12		.78	.45	.63	.17	T		.01	.02	.83	T				.76	.02	.37				T
LITTLE HICKMAN LOCK 8	3.33		.29	.88						.07						.84	.41										.25		.59			
LOCKPORT LOCK 2	3.02		T						T	.02				T	.38	.54	T	.20		.10				T		.03	1.20	.44	.11	T		
MAYSVILLE SEWAGE PLANT	6.70		.09	.03						.01		T	.08	.60		.14	2.10	.06		.47				.18		.46	1.55	.28	.67			
MIDWAY	3.14			.10					.28	.28	T				.15	.71	.29			.10						.14	.23	.28	.58			
MOUNT STERLING	3.05		.36						.05		T				.19	.06	.08					T	.43		T	1.21	.07	.27				.33
OWENTON 2 S	5.68		.02						.09	.68	.01		.31		.04	1.42	.16	.01		.09			.10			.16	1.63	.07				.89
RICHMOND	6.31		.12	.11						T					2.37	.85	.79	T		.28	.01		.96	.21			.11	.05	.42			.03
SALVISA LOCK 6	6.29			2.12					T	.07					.02	.61	.78	T		.02		1.51	.22	.07		T	.38	.03	.46	T		
SHELBYVILLE	5.12		.08	.02						T	.02				.40	T	1.19	.57		.05				.02		.48	.95	.57	.77	T		
SPRINGFIELD	5.94		.10	1.00					T						1.83		.12							.50			.68		1.71			
TAYLORSVILLE	6.15		1.40	.13								.10			1.43	.04	.19	.02		.33			.15	.05		.06	.98	.05	1.22			
TYRONE LOCK 5	5.06		.08	.32					.23	.03	T				.19	1.17	.87	T		.13	T	T	T	.11		T	.92	T	.99	.02		
VALLEY VIEW LOCK 9	4.88		.05	.70						.04				.15	7	1.80	.58	.05				.08	.17	.03			.51	.03	.69			T
WARSAW MARKLAND DAM	3.36										.04				.04	.33	.30	.04		.35		T		.39		.32	.62	.63	.30			

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	6.34			.61											.26	1.04	.78						.42	.25			1.23	.61	1.18			
WILLIAMSTOWN 3 NW	8.96		T						.04	.95			1.04	.22	.94	.54	.57			.06	T		.52		T	1.60	1.02	.20	T			1.48
EASTERN 04																																
ASHLAND	3.98			.09											1.02		.36	.03		.47	.06						.92	.47	.52			.24
BARBOURVILLE	4.79		.08	.52											.13	.54		.05		.76	T	.08	.50	T		.58	.25	.08	1.18	T		.27
BAXTER	5.05			.37	T								.74		.12	1.11	T			.28	.02			.10			.52	.07	.68			1.05
BLAINE 2 W	5.45			.20											.95		.30	.20		.95					.50		.42	1.30				.88
BUCKHORN	4.64			.48										T	.92	T	.46	T		.84	.14		T	.47			.55	.34	.18			.25
BURDINE 2 NE	4.18		.05	.60									.65			.60	.32			.10	.25						.22	.65				.74
CLAY CITY 1 WNW	3.72		.20	.33											T	.45	1.20			.07			.17			.15	.05		.85			.25
COLLEGE HILL LOCK 11	4.51		.07	.90											.03	.70	1.07			.11			.98				.14	.04	.42			.05
CUMBERLAND	3.37		.73	T										.49	.05	.11	.02			.35				.57	.02		.55	.07	.12		.05	.46
CUMBERLAND FALLS ST PK	6.60		.80							.75	T		.10	7	2.15	.06	.56								.04	.60	.13	.42	.47		.52	7
DEWEY DAM	7.66			2.05												.71	.06	T		.45	.17			.42			.50	1.30	.09			1.95
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOURMILE KY UTIL PARK	4.53		.02	.33											.40	.18	.13	.15		.13				.01	.12	.12	.57	.21	1.23			.79
FREEBURN 2 SW	3.44		.02	.30										.72		.32	.37	.18		.52	.15			.13			.48	.15	.04			.25
FRENCHBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAYSON 3 SE	4.97			.11											.22	.43	.43	.16		.12				.11		.05	.78	1.83	.54			.21
HAZARD WATER WORKS	7.26			.25											.88	.04	.18			.58	.05			1.35			.35	2.88	.28			.41
HEIDELBERG LOCK 14 R	4.94			.12										7	.24	.28	1.16	.04		.30			.18	.52			.60	1.40	.25			.05
HINDMAN 11 NNE	2.39			.28											.06		.15			.18	.55			.05			.55	.51	.08			.48
HYDEN	3.32			.35											.38	.02	.63	.05		.15							.15	.95	.38			.28
JACKSON	5.61			.39										.39	.25	.11	1.12			.74				.09			.93	.62	.74			.25
JEREMIAH	2.45		.10											.10		2.10												.10				.05
LLOYD GREENUP DAM	2.62		T	.06											.11	.20	.23	.11							.12		.45	.24	.82			.18
LONDON FAA AP	3.65	.01	.16						.06			T	.13	T	.27		.05				.19		.28			.55	.72	1.10			.04	.10
LOUISA 2	3.40			.19												.17	1.12			.43	.08		.05			.07	.39	.57	.05			.28
MANCHESTER 4 SE	4.10		T												.28	.05	.05	.50		1.40							.69	.42	.84			.07
MARTIN	7.13			1.60												2.15				1.47	.12			.48			.25	.11				.85
MC KEE	2.97			.09											.29	.37	.16			.12			.16	.36			.48	.42	.48			.08
MIDDLESBORO	6.03			.46							T	T	.30		.27	.46		.59		.62	.04						.24	.35	.68			2.08
MONTICELLO	2.62			.03											1.31	.04		.08						.16			.04	.60	.54			.02
MOUNT VERNON	5.35		.53										T	.03	.16		.37	.53					.05			1.28	1.18	.68	.42			.18
ONEIDA	2.51		.02															.05						.14	.10		.63	.80	.42			.55
PAINTSVILLE 1 S	6.40			1.25												.40	.04	.10		.75				.50			.88	1.05	.10			1.25
PIKEVILLE	4.31		.72	T											.09	.10	.63	.02		.86			.87	.04		.03	.70	.05	.08		.02	.12
RAVENNA LOCK 12	4.66		T	1.49											.07	.30	.64	.02		.03			1.08				.13	.38	.52			7
SALYERSVILLE 2 SE	4.90			1.40											.15	.06				2.35							.22	.50	.08			.34
SOMERSET 2 N	3.82		T						.02					T	1.40	.04	.08						.72			.45	.18	.45	.58			.10
STEARNS	3.75			.08											.77	.55		.45									.18	.25	1.08	.18	.23	
TILFORD	7.49		1.51										T	.89	.44	1.08	T			.35			.26	.44		.19	.58	T	1.59			.18
TOMAHAWK 1 WSW	5.94			.70	.02										.84	.94	.52			.45	.66			7			.50	.41	.30			.60
VANCEBURG	7.09		T	.03									T	.02	.62	.33	T			.05			.59	T	T	2.54	1.00	.40	.80			.61
WEST LIBERTY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILLIAMSBURG 1 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILLOW LOCK 13	4.96			.87											.15	.76	.55	.14					.70	.15			.22	.91	.54		.17	

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	20	1.3	5.8	29++	25	15	75	76	55	60	4	2	7	1	3	0	17	-	6.5
LEXINGTON WB AIRPORT	19	1.5	6.7	20++	21	14	80	83	55	63	5	3	6	4	0	0	18	-	5.9
LOUISVILLE WB AIRPORT	21	1.4	6.0	34	NW	28+	78	82	55	58	1	11	3	2	0	0	17	61	6.3

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1967-1968

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
* * *														
WESTERN 01														
BARDWELL 4 E	SNOWFALL						3.0	7.8	.7	4.0				15.5
	1 IN ON GD						1	20		2				23
BEAVER DAM	SNOWFALL						4.0	-	-	-				-
	1 IN ON GD						1	16	1	3				21
CALHOUN LOCK 2	SNOWFALL						T	-	-	-				-
	1 IN ON GD							-	-	4				-
COBB	SNOWFALL						-	-	-	-				-
	1 IN ON GD						-	-	1	-				-
DAWSON SPRINGS	SNOWFALL						-	-		-	-	-	-	-
	1 IN ON GD						-	-		-	-	-	-	-
DUNDEE 4 ESE	SNOWFALL						1.3	-	1.7	9.6				-
	1 IN ON GD						1	21	2	4				28
DUNMOR	SNOWFALL						2.0	10.0	T	9.0				21.0
	1 IN ON GD						1	9		4				14
ELKTON 2 S	SNOWFALL						3.4	10.2	.8	-				-
	1 IN ON GD						1	13	1	3				18
FORDS FERRY DAM 50	SNOWFALL						.5	11.5	1.3	4.8				18.1
	1 IN ON GD						1	22	1	4				28
FRANKLIN 1 E	SNOWFALL						7.4	16.9	-	-				-
	1 IN ON GD						4	11	-	2				-
GILBERTSVILLE 1 SE	SNOWFALL					T	2.8	10.5	T	12.5				25.8
	1 IN ON GD						1	11		5				17
GOLDEN POND 8 N	SNOWFALL						3.0	9.6	T	9.0				21.6
	1 IN ON GD						1	-		-				-
GREENVILLE 2 W	SNOWFALL						4.0	-	-	-				-
	1 IN ON GD						1	21	2	3				27
HARTFORD 6 NW	SNOWFALL						1.0	11.0	.5	9.0				21.5
	1 IN ON GD						1	15	1	4				21
HENDERSON 7 SSW	SNOWFALL					T	1.2	12.0	1.0	9.0				23.2
	1 IN ON GD						1	18	1	3				23
HICKMAN 1 E	SNOWFALL						6.7	10.9	4.0	15.6				37.2
	1 IN ON GD						1	20	1	4				26
HOPKINSVILLE	SNOWFALL						2.5	13.5	1.6	13.5				31.1
	1 IN ON GD						1	8	1	4				14
LOVELACEVILLE	SNOWFALL						6.0	9.0	1.0	-				-
	1 IN ON GD						3	20		2				25
MADISONVILLE 1 SE	SNOWFALL						.5	-	.5	9.0				-
	1 IN ON GD						1	-	1	4				-
MAYFIELD RADIO WNGO	SNOWFALL						3.0	-	1.5	15.0				-
	1 IN ON GD						1	2		3				6
MURRAY	SNOWFALL						4.2	12.1	1.8	14.4				32.5
	1 IN ON GD						1	13	1	4				19
OWENSBORO 2 W	SNOWFALL						.5	11.0	1.0	10.0				22.5
	1 IN ON GD						1	22	2	4				29
OWENSBORO DAM 46	SNOWFALL						.5	8.7	1.0	5.7				15.9
	1 IN ON GD							12		2				14
PADUCAH FAA AIRPORT	SNOWFALL					T	2.0	8.1	2.0	2.4				14.5
	1 IN ON GD						1	13		2				16
PADUCAH	SNOWFALL						2.0	6.5	.3	4.3				13.1
	1 IN ON GD						1	11		2				14

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1967-1968

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
PRINCETON 1 SE	SNOWFALL					T	2.5	11.0	2.2	12.5				28.2
	1 IN ON GD						1	21	1	5				28
ROCHESTER LOCK 3	SNOWFALL						-	-	-	-				-
	1 IN ON GD						1	22		4				27
RUSSELLVILLE	SNOWFALL						-	-	-	-				-
	1 IN ON GD						-	-	-	-				-
SEBREE	SNOWFALL							8.0	.5	-				-
	1 IN ON GD							20	1	-				-
UNIONTOWN DAM 49	SNOWFALL						.6	-	1.0	-				-
	1 IN ON GD							-	2	-				-
* * *														
CENTRAL 02														
ADDISON DAM 45	SNOWFALL					T	.8	10.6	T	5.7				17.1
	1 IN ON GD						1	19		2				22
ALBANY 4 N	SNOWFALL						8.6	5.7	T	6.3				20.6
	1 IN ON GD						4	7		2				13
ANCHORAGE	SNOWFALL					T	3.0	12.0	3.5	13.1				31.6
	1 IN ON GD						1	17	4	4				26
BARDSTOWN S J PREP SCH	SNOWFALL						8.5	8.3	T	8.3				25.1
	1 IN ON GD						4	19		3				26
BARREN RIVER RESERVOIR	SNOWFALL						5.0	8.4	T	11.0				24.4
	1 IN ON GD						4	10		2				16
BOWLING GREEN	SNOWFALL						-	-	1.0	-				-
	1 IN ON GD						-	-	1	-				-
BOWLING GREEN FAA AP	SNOWFALL						10.0	8.4	1.3	11.0				30.7
	1 IN ON GD						3	16	1	3				23
BRADFORDSVILLE	SNOWFALL						6.0	-	-	-				-
	1 IN ON GD						3	20		2				25
BROWNSVILLE	SNOWFALL						7.0	11.0	T	10.0				28.0
	1 IN ON GD						3	21		4				28
BURKESVILLE 2 W	SNOWFALL						6.0	-	T	8.5				-
	1 IN ON GD						2	7		2				11
CAMPBELLSVILLE 2 SSW	SNOWFALL						8.7	6.2	.3	10.8				26.0
	1 IN ON GD						3	20		3				26
CANEYVILLE	SNOWFALL						3.0	11.0	T	7.5				21.5
	1 IN ON GD						3	22		4				29
CECILIA	SNOWFALL						7.0	9.9	.2	11.0				28.1
	1 IN ON GD						2	20		2				24
CLERMONT 1 SSE	SNOWFALL					-	5.0	10.5	-	-				-
	1 IN ON GD					-	-	18	1	3				-
EDMONTON	SNOWFALL						-	-		7.0				-
	1 IN ON GD						3	12		-				-
GAMALIEL 1 S	SNOWFALL						6.5	13.0	T	11.0				30.5
	1 IN ON GD						4	8		2				14
GLASGOW	SNOWFALL						9.0	-	T	6.0				-
	1 IN ON GD						4	11		-				-
GLASGOW WKAY	SNOWFALL						8.7	6.0	T	12.0				26.7
	1 IN ON GD						3	9		3				15
GLENDALE 1 E	SNOWFALL						4.0	-	T	12.0				-
	1 IN ON GD						3	22		4				29
GREENSBURG	SNOWFALL						5.0	8.5	T	-				-
	1 IN ON GD						4	19		3				26
GREENSBURG HIWAY 61	SNOWFALL						-	-		-				-
	1 IN ON GD						1	9		3				13

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1967-1968

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
HODGENVILLE-LINCOLN NP	SNOWFALL						-	-	T	10.0				-
	1 IN ON GD						4	22		3				29
IRVINGTON	SNOWFALL					T	2.3	13.7	T	-				-
	1 IN ON GD						1	18		4				23
LEITCHFIELD 2 N	SNOWFALL						4.5	11.5	T	12.0				28.0
	1 IN ON GD						3	19		3				25
LIBERTY	SNOWFALL						5.0	11.0	T	8.0				24.0
	1 IN ON GD						3	11		2				16
LOUISVILLE	SNOWFALL						-	-	-	-				-
	1 IN ON GD						1	14	-	2				-
LOUISVILLE WB AP	SNOWFALL					T	2.7	13.8	1.8	12.7				31.0
	1 IN ON GD							16		2				18
LOUISVILLE UPPER GAGE	SNOWFALL						T	9.3	.9	9.8				20.0
	1 IN ON GD							15	1	2				18
MAMMOTH CAVE PARK	SNOWFALL						9.7	6.0	T	12.0				27.7
	1 IN ON GD						4	20		4				28
MILLERSTOWN	SNOWFALL						4.0	13.3	T	10.3				27.6
	1 IN ON GD						4	21		4				29
MUNFORDVILLE	SNOWFALL						-	-	T	-				-
	1 IN ON GD						-	-		-				-
NOLIN RIVER RESERVOIR	SNOWFALL						5.5	-	T	-				-
	1 IN ON GD						-	20		-				-
ROUGH RIVER DAM	SNOWFALL						.5	11.5	-	-				-
	1 IN ON GD						1	20	1	3				25
SCOTTSVILLE 3 SSW	SNOWFALL						10.0	-	2.0	8.0				-
	1 IN ON GD						4	19	1	3				27
SCOTTSVILLE 2 SW	SNOWFALL						7.5	9.0	.5	10.0				27.0
	1 IN ON GD						4	13		3				20
SHEPHERDSVILLE	SNOWFALL						2.1	17.0	1.0	14.3				34.4
	1 IN ON GD						-	-		-				-
SUMMER SHADE	SNOWFALL						10.0	-	.4	-				-
	1 IN ON GD						3	10		3				16
WOLF CREEK DAM	SNOWFALL						-	-	-	-				-
	1 IN ON GD						4	-	-	-				-
WOODBURY LOCK 4	SNOWFALL						7.7	-	.5	-				-
	1 IN ON GD						3	-	1	-				-
* * *														
BLUE GRASS 03														
BEREA COLLEGE	SNOWFALL						-	-	-	-				-
	1 IN ON GD						4	10		2				16
BEREA	SNOWFALL						-	12.4	1.3	7.6				-
	1 IN ON GD						4	20	1	4				29
CARROLLTON LOCK 1	SNOWFALL						.8	9.1	2.0	12.5				24.4
	1 IN ON GD						1	21	4	3				29
COVINGTON WB AIRPORT	SNOWFALL				T	3.1	3.1	8.7	3.6	13.0				31.5
	1 IN ON GD							18	3	3				24
CYNTHIANA	SNOWFALL					T	3.1	17.4	4.3	8.0				32.8
	1 IN ON GD						4	22	2	2				30
CYNTHIANA 2	SNOWFALL						3.0	16.8	-	7.0				-
	1 IN ON GD						4	19	-	1				-
DANVILLE	SNOWFALL					T	2.9	12.7	.6	11.2				27.4
	1 IN ON GD						4	21		5				30
DIX DAM	SNOWFALL						10.5	9.7	1.0	9.5				30.7
	1 IN ON GD						3	20	1	3				27

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1967-1968

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
FALMOUTH 5 WNW	SNOWFALL				T	T	1.0	10.5	3.0	9.5				24.0
	1 IN ON GD						2	15	2	3				22
FARMERS 1 WNW	SNOWFALL						3.5	14.5	3.5	2.0				23.5
	1 IN ON GD						4	21	5	3				33
FLEMINGSBURG	SNOWFALL						-	-	3.5	3.0				-
	1 IN ON GD						3	21	7	4				35
FLEMINGSBURG 1 SW	SNOWFALL					T	-	-	3.6	2.0				-
	1 IN ON GD						3	-	7	1				-
FORD LOCK 10	SNOWFALL						2.5	32.7	.2	5.0				40.4
	1 IN ON GD						1	22		2				25
FRANKFORT LOCK 4	SNOWFALL					T	3.0	12.0	.8	9.4				25.2
	1 IN ON GD						3	19		4				26
GEORGETOWN WATER WORKS	SNOWFALL					T	2.8	14.2	2.5	8.6				28.1
	1 IN ON GD						4	21	2	4				31
GEST LOCK 3	SNOWFALL						-	-	-	-				-
	1 IN ON GD						2	19	4	4				29
HIGH BRIDGE LOCK 7	SNOWFALL						-	-	-	-				-
	1 IN ON GD						4	22	-	2				-
KEENE 1 SSW	SNOWFALL					T	5.0	13.8	2.0	8.5				29.3
	1 IN ON GD						4	19	1	1				25
LA GRANGE 1 ESE	SNOWFALL				T	T	3.0	14.1	3.0	14.0				34.1
	1 IN ON GD						1	18	4	3				26
LANCASTER	SNOWFALL							-	-	-				-
	1 IN ON GD							-	-	-				-
LEXINGTON WB AIRPORT	SNOWFALL					T	10.7	12.1	3.1	8.6				34.5
	1 IN ON GD						4	22	4	5				35
LITTLE HICKMAN LOCK 8	SNOWFALL						-	-	-	-				-
	1 IN ON GD						4	-	-	2				-
LOCKPORT LOCK 2	SNOWFALL					T	-	-	-	-				-
	1 IN ON GD						1	17	1	2				21
MAYSVILLE SEWAGE PLANT	SNOWFALL					T	-	-	1.3	.8				-
	1 IN ON GD						4	17	3	1				25
MIDWAY	SNOWFALL					T	3.0	15.5	3.0	11.0				32.5
	1 IN ON GD						4	21	2	4				31
MOUNT STERLING	SNOWFALL					T	7.6	5.9	2.0	7.1				22.6
	1 IN ON GD						4	27	5	5				41
OWENTON 2 S	SNOWFALL						-	6.5	-	-				-
	1 IN ON GD						-	-	-	-				-
RICHMOND	SNOWFALL					T	4.5	13.0	2.5	7.8				27.8
	1 IN ON GD						4	20	4	4				32
SALVISA LOCK 6	SNOWFALL						-	-	T	-				-
	1 IN ON GD						4	22		2				28
SHELBYVILLE	SNOWFALL						1.1	8.3	1.8	10.0				21.2
	1 IN ON GD						4	22	5	3				34
SPRINGFIELD	SNOWFALL						3.5	11.5	.4	10.0				25.4
	1 IN ON GD						4	20		3				27
TAYLORSVILLE	SNOWFALL						2.0	12.8	2.0	10.0				26.8
	1 IN ON GD						4	19		3				26
TYRONE LOCK 5	SNOWFALL					T	1.0	10.3	1.2	10.2				22.7
	1 IN ON GD						4	15		2				21
VALLEY VIEW LOCK 9	SNOWFALL					T	-	15.6	.3	8.0				-
	1 IN ON GD						4	22		3				29
VANBUREN	SNOWFALL		-	-	-	-	-	-	-	-	-	-	-	-
	1 IN ON GD		-	-	-	-	-	-	-	-	-	-	-	-
WARSAW MARKLAND DAM	SNOWFALL					T	.3	8.8	1.5	12.3				22.9
	1 IN ON GD							20	4	2				26

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TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

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SEASON OF 1967-1968

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
WAYNESBURG 7 NE	SNOWFALL					T	4.0	13.0	-	6.0				-
	1 IN ON GD						4	18	2	3				27
WILLIAMSTOWN 3 NW	SNOWFALL					.5	2.0	9.2	4.6	12.7				29.0
	1 IN ON GD						2	20	5	3				30
* * *														
EASTERN 04														
ASHLAND	SNOWFALL					T	8.0	-	2.7	-				-
	1 IN ON GD						4	18	3	-				-
BARBOURVILLE	SNOWFALL						5.5	-	-	.7				-
	1 IN ON GD						-	-	1					-
BAXTER	SNOWFALL					T	-	-	2.0	3.8				-
	1 IN ON GD						3	6	1	2				12
BLAINE 2 W	SNOWFALL						-	-	-	-				-
	1 IN ON GD						-	-	1	-				-
BUCKHORN	SNOWFALL					T	5.5	3.7	2.0	5.0				16.2
	1 IN ON GD						4	8	1	3				16
BURDINE 2 NE	SNOWFALL						-	-	3.0	9.0				-
	1 IN ON GD						4	4	1	4				13
CLAY CITY 1 WNW	SNOWFALL						5.5	-	-	-				-
	1 IN ON GD						-	22	1	-				-
COLLEGE HILL LOCK 11	SNOWFALL					T	4.5	9.0	1.0	3.0				17.5
	1 IN ON GD						3	20		3				26
CUMBERLAND	SNOWFALL					T	6.5	9.0	5.5	8.0				29.0
	1 IN ON GD						5	5	1	3				14
CUMBERLAND FALLS ST PK	SNOWFALL						2.0	-	-	8.2				-
	1 IN ON GD						-	-	1	1				-
DEWEY DAM	SNOWFALL						7.0	10.5	1.0	4.0				22.5
	1 IN ON GD						4	13	1	1				19
ELKHORN CITY	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-
	1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
FOURMILE KY UTIL PARK	SNOWFALL						-	-	-	-				-
	1 IN ON GD						-	-	1	-				-
FREEBURN 2 SW	SNOWFALL						9.0	6.8	5.4	-				-
	1 IN ON GD						4	19	3	1				27
FRENCHBURG	SNOWFALL						-	-	-	1.2				-
	1 IN ON GD						-	-	-	-				-
GRAYSON 3 SE	SNOWFALL						7.0	15.0	3.0	1.0				26.0
	1 IN ON GD						4	20	4	1				29
HAZARD WATER WORKS	SNOWFALL						-	-	2.0	-				-
	1 IN ON GD						4	6	1	2				13
HEIDELBERG LOCK 14	SNOWFALL						-	-	-	3.7				-
	1 IN ON GD						4	-	1	3				-
HINDMAN 11 NNE	SNOWFALL						9.0	9.0	5.0	4.0				27.0
	1 IN ON GD						4	19	2	4				29
HYDEN	SNOWFALL						-	-	3.0	-				-
	1 IN ON GD						-	-	1	-				-
JACKSON	SNOWFALL						1.5	-	1.5	5.1				-
	1 IN ON GD						1	-	1	3				-
JEREMIAH	SNOWFALL						7.5	-	2.0	4.0				-
	1 IN ON GD						-	-	1	-				-
LLOYD GREENUP DAM	SNOWFALL				.3	T	-	8.8	5.1	T				-
	1 IN ON GD						4	21	6					31
LONDON FAA AP	SNOWFALL					T	9.0	7.3	3.6	3.6				23.5
	1 IN ON GD						4	11	1	3				19

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1967-1968

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
LOUISA 2	SNOWFALL					T	6.0	10.0	3.2	.5				19.7
	1 IN ON GD						4	-	1					-
MANCHESTER 4 SE	SNOWFALL						8.9	-	4.0	7.5				-
	1 IN ON GD						4	10	1	2				17
MARTIN	SNOWFALL						9.0	6.5	1.0	3.0				19.5
	1 IN ON GD						4	18	1	2				25
MC KEE	SNOWFALL						4.5	8.8	-	4.5				-
	1 IN ON GD						4	21	3	5				33
MIDDLESBORO	SNOWFALL						-	-	-	-				-
	1 IN ON GD						-	-	1	1				-
MONTICELLO	SNOWFALL						8.0	9.3	.5	5.2				23.0
	1 IN ON GD						4	-		1				-
MOUNT VERNON	SNOWFALL						6.5	9.5	-	4.0				-
	1 IN ON GD						2	-	1	-				-
ONEIDA	SNOWFALL						-	-	-	-				-
	1 IN ON GD						4	-	-	-				-
PAINTSVILLE 1 S	SNOWFALL						6.3	8.0	.7	2.0				17.0
	1 IN ON GD						4	19	1	2				26
PIKEVILLE	SNOWFALL						10.0	7.0	4.8	.6				22.4
	1 IN ON GD						4	5	1	1				11
RAVENNA LOCK 12	SNOWFALL						5.5	-	1.5	3.0				-
	1 IN ON GD						4	21	1	4				30
SALYERSVILLE 2 SE	SNOWFALL						-	-	-	-				-
	1 IN ON GD						3	-	2	-				-
SOMERSET 2 N	SNOWFALL						-	-	.5	-				-
	1 IN ON GD						4	12		2				18
STEARNS	SNOWFALL						-	-	-	-				-
	1 IN ON GD						-	-	1	-				-
TILFORD	SNOWFALL						8.0	-	3.0	1.0				-
	1 IN ON GD						-	-	1					-
TOMAHAWK 1 WSW	SNOWFALL					T	8.0	8.0	6.0	5.0				27.0
	1 IN ON GD						4	19	3	4				30
VANCEBURG	SNOWFALL					T	1.0	14.7	-	-				-
	1 IN ON GD							-	-	-				-
WEST LIBERTY	SNOWFALL					T	-	-	-	-	-	-	-	-
	1 IN ON GD						4	22	4	-	-	-	-	-
WILLIAMSBURG 1 E	SNOWFALL						-	-	-	-				-
	1 IN ON GD						-	-	1	-				-
WILLOW LOCK 13	SNOWFALL						5.5	8.5	3.0	5.0				22.0
	1 IN ON GD						4	20	2	4				30

See Reference Notes Following Station Index

DAILY TEMPERATURES

KENTUCKY
JULY 1968

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	96	93	83	81	86	90	91	87	90	93	92	93	92	92	95	93	97	94	93	95	94	94	92	92	90	90	95	92	83	84	90	91.0
	MIN	69	65	57	49	49	55	59	67	64	64	62	65	66	68	74	69	70	71	69	68	68	70	67	70	72	70	72	70	66	59	70	65.6
BEAVER DAM	MAX	94	93	80	79	83	88	90	86	86	91	90	92	90	89	94	94	95	95	91	93	95	92	91	92	91	81	91	90	86	85	90	89.5
	MIN	67	67	59	46	46	53	61	66	64	65	63	63	65	64	69	67	65	69	68	65	68	68	67	69	70	67	70	71	63	57	68	64.1
FORDS FERRY DAM 50	MAX	93	81	73	80	84	89	90	88	89	91	88	90	91	88	93	92	93	93	90	91	93	91	93	91	90	84	92	87	79	85	91	88.5
	MIN	72	66	59	54	54	60	61	66	66	67	66	69	69	71	66	69	72	70	71	71	71	72	70	74	72	72	67	69	63	59	70	67.0
GILBERTSVILLE 1 SE	MAX	95	93	81	82	87	90	89	89	88	91	91	90	91	91	95	94	95	96	94	92	95	93	92	90	90	86	95	90	85	84	91	90.4
	MIN	72	67	60	52	51	57	63	68	67	66	65	68	68	69	74	70	72	72	69	72	70	72	70	72	73	72	72	72	68	63	72	67.7
GOLDEN POND 8 N	MAX	93	94	80	75	81	85	88	88	88	87	92	90	92	92	90	93	94	95	96	95	93	96	98	93	93	95	84	95	86	84	84	89.8
	MIN	74	68	62	58	57	65	67	70	69	69	67	69	69	68	72	71	72	73	71	72	73	73	71	72	73	72	71	71	68	63	66	68.8
GREENVILLE 2 W	MAX	93						93	86	85	90	89	91	87	87	93	92	93	94	91	94	92	92	92	91	90	79	91	88	83	84	88	89.5
	MIN	69				48			66	63	62	64	64	64	68	72	68	65	71	68	66	68	69	67	71	70	68	71	73	65	55	70	66.5
HENDERSON 7 SSW	MAX	94	86	77	80	86	90	89	81	88	89	89	92	89	88	91	90	91	91	91	91	91	93	90	90	86	86	91	87	79	83	90	88.0
	MIN	73	68	57	50	51	59	64	66	66	66	65	67	69	69	70	69	70	72	69	69	69	71	70	73	72	72	72	72	63	57	69	66.7
HICKMAN 1 E	MAX	97	90	83	82	85	89	92	90	90	91	90	93	90	89	94	94	93	93	93	95	94	94	93	91	89	91	95	95	84	85	91	90.8
	MIN	71	65	59	51	50	56	61	66	64	65	63	67	66	67	71	68	70	72	68	68	69	70	68	68	71	70	73	68	65	60	69	65.8
HOPKINSVILLE	MAX	94	96	84	79	82	86	90	89	83	86	91	91	93	90	91	96	94	96	97	96	91	97	95	97	92	89	87	94	87	85	85	90.4
	MIN	68	64	57	51	51	49	59	64	63	62	62	64	64	63	66	68	60	66	69	68	69	69	67	66	69	70	69	69	66	59	60	63.6
LOVELACEVILLE	MAX	94	85	80	81	86	89	90	87	89	91	90	90	90	88	94	92	91	91	91	94	96	94	91	91	89	88	92	87	83	85	89	89.2
	MIN	68	65	56	50	50	55	60	67	64	65	64	66	65	67	73	69	70	72	70	69	68	71	68	70	71	71	72	71	65	58	68	65.7
MADISONVILLE 1 SE	MAX	95	93	80	81	86	90	90	87	86	89	90	92	88	89	93	92	92	93	92	95	95	94	91	91	91	81	92	89	86	85	90	89.5
	MIN	73	67	55	48	49	55	61	63	62	63	63	65	65	67	73	67	66	73	68	69	68	68	68	69	69	68	71	72	64	55	70	65.0
MAYFIELD RADIO WNGO	MAX	97	96	83	83	87	85	93	88	90	93	91	93	94	93	95	94	90	94	95	91	95	94	93	91	91	91		92	84	87	91	91.1
	MIN	70	68	63	49	50	54	63	70	64	68	68	70	71	70	76	72	75	76	71	72	72	79	74	72	75	76		71	66	60	72	68.6
MURRAY	MAX	91	92	79	76	80	83	85	87	83	84	89	86	88	87	87	90	87	89	90	89	89	91	90	88	88	88	88	91	85	81	83	86.6
	MIN	72	66	60	55	53	57	64	66	67	68	67	68	67	67	73	68	70	72	70	71	72	72	69	70	73	69	73	71	67	60	64	67.1
OWENSBORO 2 W	MAX	94	90	77	85	89	91	91	89	88	89	91	93	90	88	92	94	93	92	92	95	92	94	91	91	90	85	90	88	85	85	88	89.6
	MIN	70	69	58	53	51	57	63	68	64	66	65	67	68	67	71	69	68	72	68	68	69	69	70	71	73	70	72	72	64	59	69	66.5
PADUCAH FAA AIRPORT	MAX	95	81	77	80	86	88	89	85	89	90	89	93	91	90	94	92	91	92	92	94	95	94	91	90	89	87	94	88	83	84	92	89.2
	MIN	72	66	57	52	53	60	64	67	64	67	64	68	67	69	73	70	72	71	70	71	68	71	69	72	74	72	72	72	66	58	70	67.1
PADUCAH	MAX	94	93	82	80	85	88	90	90	88	90	89	90	89	89	93	93	92	93	92	94	91	91	92	90	89	88	92	93	83	83	91	89.6
	MIN	74	69	59	52	52	57	64	67	66	67	65	69	67	70	76	70	72	75	70	70	71	70	74	72	74	71	71	72	66	60	72	67.9
PRINCETON 1 SE	MAX	94	93	79	80	85	89	89	88	88	89	89	90	90	88	94	92	92	93	92	92	94	94	95	91	91	80	92	90	87	83	90	89.4
	MIN	73	65	57	50	50	56	62	63	65	64	64	67	68	67	73	69	69	71	70	70	69	70	69	70	73	70	72	72	66	56	70	66.1
ROCHESTER LOCK 3	MAX	92	94	81	77	80	84	87	89	75	83	90	90	92	87	87	92	92	93	92	95	92	92	89	90	90	85	80	90	87	79	84	87.4
	MIN	69	68	59	50	48	51	61	64	66	64	65	65	65	66	68	68	67	69	70	68	70	70	69	70	72	70	71	71	66	56	61	65.1
RUSSELLVILLE	MAX	94	94	85	80	80	85	89	89	74	82	89	91	91	86	89	92	92	91	90	92	92	92	91	91	91	86	84	91	83	81	85	87.9
	MIN	71	64	58	47	46	51	57	65	64	61	63	64	66	67	70	65	67	69	69	65	68	71	67	70	71	69	70	69	65	56	60	64.0
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	91	87	77	78	83	86	87	86	85	89	89	92	90	89	89	86	90	91	88	89	91	90	89	89	88	85	84	84	85	82	84	86.7
	MIN	69	66	55	49	50	54	59	65	64	62	63	65	65	65	67	65	65	70	69	69	68	69	66	69	71	71	70	67	57	56	69	64.2
BARDSTOWN S J PREP SCH	MAX	93	93	78	77	82	87	88	89	86	91	91	92	92	89	91	91	93	92	91	92	92	89	90	90	90	86	88	88	86	85	85	88.6
	MIN	69	66	57	50	50	56	59	60	60	63	64	65	66	65	69	67	66	72	71	69	70	70	66	68	72	70	72	71	62	55	69	64.8
BARREN RIVER RESERVOIR	MAX	95	96	87	79	80	85	88	91	75	86	90	92	94	86	90	94	93	95	95	93	95	94	96	94	92	87	90	91	87	80	88	89.5
	MIN	69	69	60	51	48	53	55	62	65	65	61	62	65	70	72	70	69	70	71	65	66	67	67	68	74	69	69	69	66	59	60	64.7
BOWLING GREEN FAA AP	MAX	95	86	78	81	85	88	90	74	83	87	92	94	88	91	93	90	90	92	93	93	93	93	92	91	88	85	91	86	81	86	92	88.4
	MIN	69	66	59	54	52	58	62	66	66	65	65	67	68	68	70	69	65	69	73	69	71	70	66	70	70	70	70	70	64	59	70	66.1
BRADFORDSVILLE	MAX	93	94	88	76	76	84	87	88	78	87	88	90	92	89	89	93	88	93	93	90	94	92	93	90	91	88	87	88	87	79	83	88.0
	MIN	65	67	57	46	44	50	54	64	63	63	60	63	63	63	66	65	62	65	70	65	66	70	62	64	69	70	71	69	65	51	69	62.5
CAMPBELLSVILLE 2 SSW	MAX	95	94	78	76	82	84	88	87	85	88	91	91	89	87	92	94	91	91	90	91	90	92	92	92	89	89	85	89	89	84	88	88.5
	MIN	70	66	58	52	49	50	60	63	65	65	62	65	65	64	67	67	65	70	71	67	68	70	65	68	70	69	72	70	64	55	68	64.8
CECILIA	MAX	93	90	79	77	82	84	88	85	84	91	93	92	91	91	94	92	93	93	91	93	94	93	92	91	88	85	90	88	86	85	87	88.9
	MIN	65	69	56	48	46	54	60	63	64	61	62	61	64	64	66	65	63	67	68	64	61	66	64	65	70	69	69	69	59	53	67	62.6
CLERMONT 1 SSE	MAX	93	93	74	78	84	89	89	87	86	92	90	93	90	89	92	93	92	93	92	92	92	90	91	92	91	86	90	88	88	83	87	89.0
	MIN	63	65	53	45	46	46	56	62	63	61	62	63	63	64	68	65	63	65	69	65	65	67	64	65	70	70	70	72	57	52	67	62.1
GLASGOW WKAY	MAX	96	90	79	78	84	87	92	85	84	90	92	90	90	90	95	93	93	93	92	93	94	96	92	90	88	84	91	88	80	85	90	89.2
	MIN	69	69	59	51	49	54	60	64	65	66	62	65	67	68	72	66	64	68	69	65	66	70	66	67	71	68	69	69	64	55	69	64.7
GREENSBURG	MAX	96	98	88	81	82	87	91	92	79	90	93	95	95	90	91	97	93	96	96	94	97	95	92	93	92	90	89	92	90	85	87	91.2
	MIN	68	70	61	50	48	50	56	65	66	65	63	64	66	65	68	67	64	66	65	67	66	68	65	67	70	70	70	71	66	55	56	63.8
HODGENVILLE-LINCOLN NP	MAX	94	93	83	75	81	85	88	87	84	88	89	91	91	91	90	91	91	93	91	92	95	94	94	90	94	88	88	89	88	84	87	88.9
	MIN	67	65	57	48	47	54	58	64	64	62	61	64	65	65	67	65	64	68	69	66	66	69	64	65	69	67	69	69	61	53	67	63.2
IRVINGTON	MAX	93	91	78	78	84	88	89	83	83	89	88	90	89	88	91	90	91	91	89	91	92	92	91	90	89	85	88	85	82	82	86	87.7
	MIN	72	70	56	50	49	56	61	66	64	63	70	66	68	68	71	68	67	74	70	68	68	71	69	72	71	70	71	72	61	58	70	66.1
LEITCHFIELD 2 N	MAX	93	91	77	78	83	89	90	84	86	91	93	94	91	91	95	94	93	92	92	95	93	91	91	92	88	88	91	84	84	86	90	89.4
	MIN	68	67	38	47	47	35	60	66	66	62	62	64	67	65	70	68	64	70	70	63	66	71	68	69	71	69	70	71	63	55	69	64.6
LOUISVILLE	MAX	96	96	80	80	86	89	90	91	86	90	92	95	94	92	95	92	96	92	93	89	92	92	91	93	96	84	88	89	90	86	85	90.3
	MIN	74	74	59	57	58	64	67	69	69	69	68	72	70	67	71	70	70	75	71	74	74	75	71	73	70	73	73	71	63	60	71	69.1
LOUISVILLE WB AP	MAX	94	83	73	79	84	86	88	83	83	88	90	90	91	91	92	89	92	93	88	92	93	92	92	92	86	85	88	88	80	84	88	87.7
	MIN	73	65	60	51	53	60	63	69	68	66	68	69	69	68	71	70	68	73	73	71	72	72	70	70	74	74	75	70	62	60	71	67.7
MAMMOTH CAVE PARK	MAX	93	91	79	77	83	87	89	89	84	88	89	92	90	88	92	90	92	91	91	93	92	93	91	90	88	88	89	89	84	84	88	88.5
	MIN	63	68	39	44	45	31	56	61	63	63	60	63	63	66	66	66	60	68	69	64	62	70	37	64	71	69	67	69	60	53	69	62.3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	94	94	82	78	79	84	89	90	75	84	91	90	94	89	90	94	91	90	92	93	95	93	91	91	92	87	82	91	87	80	86	88.4
	MIN	68	65	62	48	51	55	55	65	68	63	65	63	65	68	66	66	65	64	71	66	67	72	68	65	69	68	69	70	67	55	54	63.8
ROUGH RIVER DAM	MAX	94	95	80	77	78	86	90	91	78	85	91	95	94	90	89	94	92	93	92	93	95	94	94	92	95	88	84	91	87	81	85	89.0
	MIN	71	67	56	47	48	52	58	63	65	62	63	65	65	69	71	66	67	69	68	64	67	69	67	68	72	68	69	69	60	54	55	63.5
SCOTTSVILLE 3 SSW	MAX	95	90	77	78	84	86	89	84	82	86	89	89	87	88	92	91	90	90	93	92	92	92	91	89	85	85	91	89	80	84	88	87.6
	MIN	71	69	61	54	57	58	64	65	66	68	64	67	66	68	70	69	67	67	68	69	70	69	68	69	72	70	70	69	66	60	70	66.5
SUMMER SHADE	MAX	94	85	79	78	85	87	89	85	85	88	90	93	88	88	93	91	93	92	91	92	95	94	92	93	88	87	90	87	88	86	87	88.7
	MIN	67	69	60	55	50	52	62	65	66	67	64	63	65	65	70	65	62	66	67	64	66	69	65	66	70	68	67	70	67	59	65	64.2
WOLF CREEK DAM	MAX	95	96	90	82	81	87	89	92	86	88	91	94	95	87	91	94	91	94	95	94	95	92	90	93	95	92	86	88	87	83	86	90.2
	MIN	60	66	62	47	49	49	56	56	65	65	59	62	63	63	64	62	65	64	68	65	64	65	65	62	66	66	66	67	63	55	60	61.5
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	93	88	77	77	82	86	88	86	87	88	91	88	88	83	90	85	90	92	88	88	89	89	88	89	88	88	85	85	80	80	83	86.4
	MIN	72	66	60	51	49	55	60	68	64	65	63	67	66	67	65	66	66	70	72	68	67	69	66	70	72	70	70	69	64	57	70	65.2
CARROLLTON LOCK 1	MAX	92	87	75	77	82	85	85	85	89	88	88	90	90	90	88	85	90	91	88	86	90	90	88	89	88	82	83	83	81	81	79	85.9
	MIN	70	67	57	50	50	57	55	62	65	64	65	67	66	66	68	67	68	70	69	70	66	70	69	70	72	70	68	68	57	54	62	64.5
COVINGTON WB AIRPORT	MAX	94	78	75	79	84	85	87	87	85	88	88	91	90	88	85	87	91	92	88	85	90	91	88	89	83	84	84	85	78	80	79	85.7
	MIN	71	64	56	50	53	60	58	67	65	65	66	69	68	68	67	69	70	72	71	71	68	71	69	72	72	70	67	66	56	57	68	65.7
CYNTHIANA 2	MAX	95	94	88	77	80	85	88	90	88	89	91	92	91	92	89	80	87	92	92	89	88	92	89	89	89	85	80	84	86	79	85	87.5
	MIN	65	64	58	45	45	54	51	62	64	62	65	65	63	65	65	65	64	66	66	70	62	69	66	67	70	70	67	67	58	51	67	62.5
DANVILLE	MAX	92	92	86	76	77	80	86	89	86	86	87	90	91	89	88	89	85	91	91	89	91	91	90	90	90	89	85	86	86	79	82	87.1
	MIN	71	67	58	51	50	50	58	62	64	64	64	64	65	65	66	66	66	66	68	68	68	68	65	65	68	70	70	70	63	55	56	63.6
DIX DAM	MAX	94	85	78	75	81	84	87	86	85	86	89	90	88	85	88	84	89	90	90	87	91	91	88	88	88	87	86	86	81	81	81	86.1
	MIN	68	68	57	50	49	56	58	59	64	65	64	66	68	66	66	66	66	69	70	67	68	68	65	69	71	70	66	67	62	55	70	64.2
FALMOUTH 5 WNW	MAX	95	87	74	78	84	86	88	88	90	91	89	88	91	85	80	86	91	92	89	86	91	91	90	88	86	80	82	85	83	85	81	86.5
	MIN	64	64	55	42	45	54	48	60	61	60	65	63	60	65	64	64	64	66	70	66	62	68	66	66	70	75	65	65	52	49	65	61.1
FARMERS 1 WNW	MAX	92	90	76	78	85	86	87	88	87	89	91	91	88	88	80	85	92	91	87	86	90	89	89	88	85	84	84	85	82	85	84	86.5
	MIN	65	68	60	48	46	52	55	62	62	60	61	63	65	65	64	65	65	65	70	64	65	69	65	66	65	70	70	72	61	51	66	62.6
FLEMINGSBURG 1 SW	MAX	91	83	75	77	81	85	86	85	86	88	88	88	88	85	75	82	89	90	85	85	88	88	89	88	86	76	82	85	80	85	82	84.5
	MIN	66	68	58	48	46	54	55	65	65	62	65	65	64	65	65	64	65	68	70	66	64	68	66	68	71	70	66	69	58	56	67	65.5
FRANKFORT LOCK 4	MAX	92	94	84	75	79	84	87	87	86	89	90	90	92	89	88	87	84	91	91	90	86	91	92	89	90	86	81	85	86	79	85	87.0
	MIN	68	62	59	49	51	52	52	60	66	64	64	65	66	65	66	66	67	68	71	68	67	67	67	67	70	72	70	69	59	54	58	63.5
LEXINGTON WB AIRPORT	MAX	93	84	75	79	85	86	86	83	86	87	91	91	88	88	86	84	89	91	87	85	90	89	86	88	85	83	84	84	77	80	82	85.5
	MIN	70	65	58	50	55	58	63	67	67	66	66	68	67	68	68	67	68	70	71	69	70	70	68	70	71	71	71	71	61	58	71	66.2
MAYSVILLE SEWAGE PLANT	MAX	93	95	88	78	80	84	87	89	89	90	91	92	95	92	88	84	85	92	92	89	86	92	92	90	89	85	80	84	85	79	85	87.7
	MIN	67	65	59	50	51	55	58	58	65	64	65	67	67	66	66	66	65	66	69	67	65	66	69	70	71	71	69	68	57	54	55	65.6
MOUNT STERLING	MAX	93	92	75	77	81	84	86	84	87	87	90	90	88	85	80	82	91	95	92	87	90	91	89	89	88	85	83	84	81	82	81	85.9
	MIN	71	68	68	50	50	56	58	66	64	63	65	67	65	65	65	65	66	68	70	68	66	69	65	71	69	70	68	70	60	56	69	64.8
OWENTON 2 S	MAX	92	90	75	80	85	86	87	86	86	90	90	92	90	89	90	84	92	92	90	89	91	91	90	89	87	79	82	85	85	83	83	87.0
	MIN	64	64	55	44	45	53	52	60	60	60	65	63	62	61	64	65	62	64	67	67	65	66	64	64	69	69	69	65	55	52	63	61.0
RICHMOND	MAX	92	95	87	78	78	82	87	88	88	88	88	91	90	90	86	90	84	90	91	87	86	91	89	89	89	87	86	86	86	79	82	87.0
	MIN	68	67	59	51	51	55	61	66	64	64	66	66	65	62	65	64	66	68	70	69	69	65	65	68	70	68	72	69	61	57	61	64.5
SHELBYVILLE	MAX	91	93	82	75	78	82	88	86	84	87	90	89	92	90	90	90	85	89	89	88	89	90	89	89	89	84	81	86	85	77	81	86.2
	MIN	69	66	56	51	51	54	59	61	65	64	64	65	65	65	65	65	67	67	69	70	68	68	67	68	69	71	69	69	58	55	55	63.7
WARSAW MARKLAND DAM	MAX	92	92	80	74	79	84	84	88	87	85	90	90	91	90	92	85	85	95	92	90	85	93	92	90	89	84	83	85	81	78	84	86.7
	MIN	69	64	60	48	50	51	54	55	63	64	63	65	65	66	65	67	67	68	68	70	65	65	69	68	68	71	68	68	60	54	55	62.9
WAYNESBURG 7 NE	MAX	88	87	76	75	80	84	86	85	85	86	90	89	86	84	87	86	90	90	88	88	90	89	88	88	86	85	84	86	85	80	85	85.5
	MIN	67	64	58	49	51	61	59	64	62	66	62	65	64	64	64	64	64	66	70	67	66	66	65	66	67	68	67	66	62	66	67	65.6
WILLIAMSTOWN 5 NW	MAX	91	85	75	78	83	85	87	86	87	89	87	89	89	85	80	84	90	90	88	85	90	92	88	87	85	79	83	83	79	82	79	85.2
	MIN	72	67	54	52	57	58	60	65	64	66	65	68	67	66	66	67	68	71	68	70	67	70	66	71	70	71	67	65	57	57	68	65.2
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	94	94	88	78	78	80	86	88	90	88	90	89	91	91	90	80	86	95	94	87	86	91	90	92	91	87	80	84	85	80	87	87.4
	MIN	65	65	62	48	47	51	51	60	65	58	59	63	61	61	57	65	64	67	68	61	61	64	64	69	69	71	69	71	61	53	53	61.5
BARBOURVILLE	MAX	95	97	90	78	79	85	86	89	87	83	86	90	91	89	84	89	89	91	94	88	89	92	92	89	90	87	85	84	88	88	82	87.9
	MIN	60	61	64	53	51	51	55	57	65	63	62	62	64	64	65	65	65	66	66	68	65	65	65	64	66	69	67	68	67	59	59	62.5
BAXTER	MAX	94	94	92	76	77	85	86	88	88	85	86	87	87	89	86	90	88	90	94	86	87	90	90	90	90	88	87	84	87	80	82	87.2
	MIN	61	62	64	54	51	51	56	57	59	60	62	61	62	66	63	65	65	64	64	66	65	65	65	61	66	68	68	67	64	61	61	61.9
BLAINE 2 W	MAX	92	95	88	88	80	85	86	89	90	86	91	90	90	91	90	80	85	90	90	86	91	88	92	90	90	87	84	83	85	80	85	87.5
	MIN	60	60	62	46	42	42	47	50	55	52	52	57	62	62	62	62	62	65	65	62	60	61	62	65	66	65	70	71	62	49	50	58.2
CUMBERLAND	MAX	95	88	75	79	85	87	89	88	89	88	91	88	88	85	88	89	91	95	95	92	95	92	92	91	89	88	85	85	79	80	86	87.9
	MIN	57	62	65	51	48	55	54	58	57	58	58	62	64	63	62	61	61	65	66	67	61	67	64	65	65	64	68	67	62	57	66	61.2
DEWEY DAM	MAX	97	97	90	79	80	86	87	96	89	87	90	92	92	95	90	85	87	95	95	86	90	96	94	92	95	90	87	85	87	85	89	89.5
	MIN	60	61	64	50	49	49	54	56	61	62	60	65	63	64	65	65	67	68	67	67	64	64	65	65	68	68	70	72	65	55	56	62.2
GRAYSON 5 SE	MAX	93	95	85	76	76	82	84	88	89	88	90	90	90	92	89	80	86	92	95	86	86	91	92	92	93	88	78	84	84	78	87	87.0
	MIN	64	67	59	46	44	48	51	56	65	57	59	63	65	65	57	64	64	65	68	62	61	64	63	66	68	68	69	70	62	52	55	60.8
HEIDELBERG LOCK 14	MAX	95	93	79	79	84	87	88	89	84	89	91	92	91	88	87	85	90	92	92	87	90	88	90	91	90	86	80	85	85	81	85	87.5
	MIN	62	66	62	50	45	48	54	61	61	62	60	64	62	65	65	64	65	64	67	68	64	67	64	66	67	69	71	69	65	53	68	62.5
HINDMAN 11 NNE	MAX	95	94	88	79	79	83	87	88	88	85	86	90	90	88	89	87	89	91	95	85	86	92	95	92	91	90	88	83	86	80	85	87.7
	MIN	60	61	64	50	46	48	50	60	59	58	60	62	62	65	63	65	65	65	64	64	62	63	65	65	64	66	65	69	62	56	58	60.5
HYDEN	MAX	95	94	90	79	79	85	87	89	90			90	91	90	87	90	89	92	94	88	89	93	92	89	89	89	87	85	87	81	85	88.6
	MIN	61	61	64	54	51	50	54	57	61			61	64	65	64	65	65	66	65	67	68	65	64	64	66	69	69	67	65	59	59	62.2
JACKSON	MAX	92	92	90	79	74	85	86	87	88	86	88	89	90	90	86	88	86	90	92	86	88	91	91	89	90	88	85	88	85	80	83	87.1
	MIN	62	64	64	52	47	48	51	56	62	62	61	63	65	64	66	64	65	66	67	67	63	64	64	65	67	68	69	71	65	55	57	61.9

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	92	90	76	75	82	85	87	86	84	87	91	89	86	84	88	88	90	94	88	86	91	89	87	90	85	85	83	87	78	79	85	86.0
	MIN	64	64	60	54	49	51	57	64	63	66	60	61	62	64	62	64	62	65	67	67	66	68	64	66	68	69	69	69	62	57	68	63.0
MANCHESTER 4 SE	MAX	93	90	78	77	83	85	88	87	84	88	91	91	89	84	91	89	91	92	91	87	90	90	89	90	85	86	81	88	83	81	86	87.0
	MIN	60	68	62	49	47	50	55	59	62	64	61	63	61	63	65	62	64	64	66	67	66	65	69	65	66	69	68	67	65	57	67	62.5
MC KEE	MAX	93	92	89	75	75	82	84	88	85	85	86	90	90	88	76	88	83	90	92	86	84	90	88	89	90	88	86	84	84	78	78	85.7
	MIN	60	63	61	45	43	45	48	54	59	60	59	59	60	61	50	52	63	63	64	64	62	64	62	62	64	67	70	70	63	52	54	58.8
MIDDLESBORO	MAX	93	92	90	75	80	85	81	88	86	81	84	89	88	84	81	88	88	90	92	87	82	87	89	89	89	88	86	84	86	80	82	85.9
	MIN	60	61	65	54	51	51	55	57	61	65	62	62	64	64	64	64	64	63	66	67	65	66	65	65	65	67	66	67	67	62	62	62.5
MONTICELLO	MAX	93	90	81	80	85	89	89	85	88	89	91	94	91	90	92	87	91	93	90	92	92	91	90	92	89	87	86	86	81	80	85	88.4
	MIN	64	68	61	48	48	49	56	62	65	66	60	62	64	64	66	65	63	65	70	64	60	70	64	65	68	69	67	69	64	57	70	63.0
MOUNT VERNON	MAX	93	92	77	77	83	85	87	85	84	88	90	90	89	87	90	86	90	91	91	88	91	92	90	92	91	85	83	84	84	79	83	87.0
	MIN	66	66	59	48	47	51	57	64	62	63	60	64	63	66	65	64	64	66	70	67	67	70	64	70	69	69	70	69	65	56	69	63.5
PIKEVILLE	MAX	97	89	79	80	87	88	90	91	90	88	90	90	87	87	86	90	91	96	85	90	94	93	93	92	90	90	83	88	81	87	90	88.8
	MIN	66	66	64	54	57	58	60	62	59	63	66	65	63	65	65	65	67	69	68	67	64	68	64	67	69	69	71	70	64	59	66	64.5
SOMERSET 2 N	MAX	93	92	79	77	82	84	88	88	85	88	90	91	91	87	89	85	91	92	91	91	90	92	89	91	89	87	82	86	81	81	86	87.4
	MIN	66	66	60	53	49	51	53	63	64	67	61	63	63	63	62	62	62	65	65	63	67	68	60	67	67	68	70	69	65	57	65	62.7
STEARNS	MAX	94	87	89	82	80	82	86	84	80	83	87	90	89	90	89	86	88	89	87	85	89	88	96	90	89	89	91	83	83	78	80	86.5
	MIN	66	66	61	55	53	52	60	58	60	60	65	63	64	62	60	45	63	64	62	63	65	65	64	65	61	63	67	66	65	60	63	61.5
TOMAHAWK 1 WSW	MAX	92	92	86	78	78	82	85	86	86	85	87	88	88	89	86	80	86	90	92	84	85	89	91	89	89	87	84	82	84	81	85	86.0
	MIN	60	60	63	46	43	46	49	60	60	60	61	61	60	63	60	60	61	64	64	64	62	65	61	61	64	64	64	64	59	54	58	59.4
VANCEBURG	MAX	93	91	80	78	82	80	88	85	88	89	89	89	88	86	80	83	90	92	90	83	87	89	88	84	80	75	82	82	76	83	82	84.8
	MIN	60	64	56	41	41	41	53	58	54	59	60	61	61	63	58	62	61	62	67	60	60	64	63	63	68	68	61	67	54	49	59	58.6
WEST LIBERTY	MAX																																
	MIN																																
WILLIAMSBURG 1 E	MAX																																
	MIN																																

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.28	.31	.18	.36	.45	.26	.19	.19	.10	.22	.26	.14	.16	.31	.17	.28	.40	.27	.31	.22	.24	.24	.26	.30	.30	.35	.13	.25	.23	.26	.15	7.77
	WIND	55	34	26	28	27	13	9	10	13	12	13	6	6	29	33	28	21	36	45	7	7	17	26	27	52	41	29	59	24	29	16	778
	MAX	102	100	93	90	95	98	95	99	90	98	96	100	96	104	92	99	100	97	92	101	100	101	100	97	92	93	98	100	92	90	92	96.5
	MIN	71	70	63	64	60	60	65	69	67	67	68	68	70	73	70	71	70	71	73	72	75	75	72	71	74	72	71	73	70	69	67	69.4
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.39	.37	.32	.22	.42	.21	.15	.16	.07	.19	.28	.28	.28	.28	.29	.52	.39	.15	.37	.22	.35	.26	.04	.26	.26	.08	.31	.40	.32	.32	.29	8.45
	WIND	49	39	34	30	27	23	14	19	17	10	15	10	8	39	54	44	8	14	42	12	16	28	26	32	39	28	18	34	14	12	20	775
WOLF CREEK DAM	EVAP	.02	.31	.18	.39	.10	.16	.04	.46	.05	.09	.36	.25	.23	.13	.19	.20	.08	.20	.25	.23	.19	.13	.13	.19	.23	.14	.18	-	.38	.17	.09	5.968
	WIND	18	13	14	30	6	6	8	8	7	14	12	10	10	9	17	14	6	10	13	14	9	14	14	13	18	18	15	19	31	10	7	407
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	-	-	-	.30	.27	.25	.28	.20	.19	.20	.27	.23	*	*	.64	.24	.20	.20	.30	.18	.21	.26	.20	.20	.20	.27	.11	.19	.23	.20	.18	6.868
	WIND	8	41	47	50	41	25	29	20	20	22	29	15	*	*	85	38	15	19	33	40	30	23	27	19	25	36	37	47	55	35	24	915
	MAX	101	101	90	84	86	89	93	97	88	96	97	101	-	-	97	94	92	103	101	92	91	97	92	98	97	90	85	90	96	89	87	93.6
	MIN	57	73	63	57	58	59	64	67	68	69	69	70	-	-	68	70	70	73	73	71	70	71	69	70	73	72	72	74	65	61	62	67.5
* * * EASTERN 04																																	
DEWEY DAM	EVAP	.31	.26	.25	.09	.19	.19	.17	.18	.14	.14	.12	.22	.24	.06	.19	.09	.13	.19	.25	.05	.06	.29	.14	.16	.16	.07	*	*	.24	.12	-	4.868
	WIND	8	9	11	8	15	9	7	5	4	7	3	8	6	7	6	7	7	9	12	5	11	7	12	6	13	9	4	8	8	8	6	245
	MAX	104	104	98	78	91	95	92	71	95	95	96	99	99	102	93	87	92	104	105	88	98	101	97	100	100	93	90	83	95	86	90	94.2
	MIN	66	73	69	51	59	58	60	62	67	69	59	60	69	61	71	70	73	75	62	71	68	75	70	73	73	71	75	75	71	64	62	67.2

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1967-1968

KENTUCKY

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
* * *														
WESTERN 01														
BARDWELL 4 E	0	2	67	226	656	771	1026	932	574	198	63	0	4515	
BEAVER DAM	4	5	83	258	678	750	1042	982	560	204	78	0	4644	
FORDS FERRY DAM 50	2	1	52	227	646	804	1044	989	572	218	78	0	4633	
GILBERTSVILLE 1 SE	1	0	48	197	609	711	984	927	515	173	45	2	4212	
GOLDEN POND 8 N	1	1	59	214	607	741	1023	948	620	201	76	2	4493	
GREENVILLE 2 W	7	6	76	245	653	742	1012	980	564	219	74	2	4580	4124
HENDERSON 7 SSW	1	8	70	227	651	781	1046	970	551	213	82	4	4604	4205
HICKMAN 1 E	0	0	53	208	599	726	974	910	534	168	54	0	4226	
HOPKINSVILLE	3	1	71	268	666	768	1082	992	627	244	91	4	4817	4022
LOVELACEVILLE	0	1	56	211	642	755	1005	944	595	208	83	0	4500	3933
MADISONVILLE 1 SE	3	3	62	233	658	755	1019	960	562	197	68	0	4520	
MAYFIELD RADIO WNGO	0	1	50	195	579	732	932	891		169	49	2		
MURRAY	1	4	69	232	612	729	1042	952	592	202	76	1	4512	3806
OWENSBORO 2 W	0	1	60	235	657	752	1046	978	555	206	68	2	4560	4288
PADUCAH FAA AIRPORT	2	6	66	235	640	802	1025	979	582	215	80	0	4632	
PADUCAH	0	1	48	199	594	735	986	927	530	175	59	0	4254	
PRINCETON 1 SE	2	4	64	211	633	735	1020	958	557	191	67	1	4443	
ROCHESTER LOCK 3	8	12	112	316	663	753	1093	1030	640	239	95	5	4966	
RUSSELLVILLE	4	7	92	282	684	744	1075	1016	603	235	109	7	4858	4162
* * *														
CENTRAL 02														
ANCHORAGE	2	8	91	293	707	782	1088	1037	580	252	105	1	4946	4729
BARDSTOWN S J PREP SCH	1	7	83	262	650	728	1015	997	537	204	81	0	4565	
BARREN RIVER RESERVOIR	3	4	84	280	665	741	1048	1000	609	232	105	6	4777	
BOWLING GREEN FAA AP	1	2	69	270	672	763	1052	980	593	240	85	3	4730	3962
BRADFORDSVILLE	3	13	118	289	673	768	1087	1024	604	268	109	7	4963	
CAMPBELLSVILLE 2 SSW	3	8	89	250	643	696	996	987	530	202	87	6	4497	
CECILIA	10	10	93	280	703	738	1078	1011	586	235	98	0	4842	4550
CLERMONT 1 SSE	4	7	83	265		737	1045	1026	575	224	102	0		
GLASGOW WKAY	4	6	78	276	706	746	1032	999	553	204	86	2	4692	
GREENSBURG	2	0	82	296	690	760	1057	1014	618	257	103	3	4882	4260
HODGENVILLE-LINCOLN NP	5	9	83	257	661	739	1028	998	547	205	94	0	4626	
IRVINGTON	2	6	73	256	680	773	1049	1003	555	240	90	0	4727	4272
LEITCHFIELD 2 N	3	5	75	239	663	737	1018	983	552	216	83	0	4574	4172
LOUISVILLE	0	0	65	246	628	694	983	931	498	161	52	0	4258	
LOUISVILLE WB AP	0	0	68	259	660	788	1069	1007	590	247	98	4	4790	4660
MAMMOTH CAVE PARK	10	7	80	267	676	727	1002	1000	547	228	102	1	4647	
NOLIN RIVER RESERVOIR	1	4	84	301	670	733	1047	1036	603	209	91	18	4797	
ROUGH RIVER DAM	3	12	85	299	700	803	1117	1055	656	255	122	6	5113	
SCOTTSVILLE 3 SSW	3	4	65	200	611	649	960	952	504	168	77	1	4194	
SUMMER SHADE	6	5	83	272	671	720	983	1000	554	219	97	2	4612	
WOLF CREEK DAM	5	6	81	262	623	713	980	997	592	260	113	5	4637	
* * *														
BLUE GRASS 03														
BEREA COLLEGE	1	3	67	223	616	693	966	995	508	207	87	0	4366	4143
CARROLLTON LOCK 1	1	10	91	273	663	783	1111	1021	575	237	103	0	4868	
COVINGTON WB AIRPORT	0	2	82	313	736	867	1178	1063	609	284	151	6	5291	5265
CYNTHIANA 2	3	12	105	372	747	897	1207	1131	714	323	137	10	5658	
DANVILLE	2	2	91	282	690	815	1118	1061	616	292	119	8	5096	
DIX DAM	2	5	67	234	613	716	1034	1013	539	241	102	0	4566	
FALMOUTH 5 WNW	4	15	118	327	765	842	1170	1126	634	333	155	8	5497	
FARMERS 1 WNW	3	6	100	235	702	755	1078	1065	538	251	126	10	4869	4487
FLEMINGSBURG 1 SW	4	5	106	303	729	810	1122	1105	599	285	137	9	5214	
FRANKFORT LOCK 4	1	2	88	326	711	835	1162	1076	674	320	124	10	5329	4508
LEXINGTON WB AIRPORT	1	4	83	289	722	800	1090	1065	581	298	124	8	5065	4683
MAYSVILLE SEWAGE PLANT	0	6	106	334	709	896	1160	1085	690	293	149	5	5433	4749
MOUNT STERLING	3	3	83	243	675	756	1038	1030	529	232	108	3	4703	
OWENTON 2 S	3	5	104	326	762	858	1155	1120	637	291	153	11	5425	
RICHMOND	3	4	89	270	679	794	1116	1061	586	273	128	5	5008	
SHELBYVILLE	5	12	104	343	730	855	1190	1097	687	317	150	14	5504	4546
WARSAW MARKLAND DAM	2	13	105	343	740	868	1223	1101	701	343	165	10	5614	4728
WAYNESBURG 7 NE	11	9	94	271	667	708	1019	1033	558	246	131	2	4749	
WILLIAMSTOWN 3 NW	3	4	83	277	713	800	1122	1057	587	269	129	5	5049	4689

See Reference Notes Following Station Index

Continued

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1967-1968

KENTUCKY

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
* * *														
EASTERN 04														
ASHLAND	6	5	104	323	742	848	1141	1094	659	310	168	21	5421	4226
BARBOURVILLE	6	2	88	280	640	698	983	1026	581	273	114	6	4697	
BAXTER	9	2	107	311	700	739	996	1052	644	300	147	10	5017	
BLAINE 2 W	13	8	173	382	781	901	1141	1165	703	359		22		
CUMBERLAND	6	7	101	294	665	691	973	1093	581	287	137	4	4839	
DEWEY DAM	1	4	124	321	730	835	1110	1120	650	274	124	7	5300	
GRAYSON 3 SE	6	7	143	367	763	891	1190	1135	670	338	162	20	5692	
HEIDELBERG LOCK 14	5	2	82	250	632	710	1003	979	545	237	108	1	4554	
HINDMAN 11 NNE	9	6	152	321	727	821	1074	1098	623	294	144	11	5280	
HYDEN	5	1	108	321	694	817	1038	1095	636	278	133	9	5135	
JACKSON	6	1	129	337	720	800	1064	1106	650	298	135	12	5258	
LONDON FAA AP	13	10	112	311	716	761	1015	1057	583	289	149	3	5019	
MANCHESTER 4 SE	7	4	89	260	633	673	945	1021	526	230	118	4	4510	
MC KEE	26	17	166	380	775	871	1109	1157	696	362	187	26	5772	
MIDDLESBORO	9	2	103	315	682	722	985	1037	610	294	133	5	4897	
MONTICELLO	7	5	79	244	636	668	923	1003	508	209	94	0	4376	
MOUNT VERNON	9	13	96	270	677	723	997	1042	535	246	98	1	4707	
PIKEVILLE	4	0	63	208	588	639	914	937	446	172	77	0	4048	
SOMERSET 2 N	7	10	95	284	675	722	995	1041	567	250	110	0	4756	
STEARNS	12	5	105	312	654	725	1007	1071	595	238	145	8	4877	
TOMAHAWK 1 WSW	11	12	173	386	776	872	1126	1135	680	318	175	26	5690	
VANCEBURG	14	19	136	383	762	843	1188	1158	701	366	217	28	5815	
WEST LIBERTY	7	7	141	343	739	857	1129	1128						
WILLIAMSBURG 1 E	5	1	78	223	574	618	872	951	460	198	98	0	4078	3893

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station		Day Of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN S J PREP SCH																																	
4 INCHES	MAX	84	85	81	81	80	81	81	81	82	82	83	84	85	84	83	84	90	91	86	89	84	84	83	84	83	82	81	83	82	79	80	83.3
	MIN	78	78	76	73	72	74	75	78	76	77	77	78	79	78	79	79	79	81	81	80	81	80	79	80	80	79	80	80	78	79	76	78.1
20 INCHES	5 PM	72	73	73	72	72	72	72	72	72	72	72	73	73	73	73	74	74	74	75	75	75	75	75	75	75	75	75	75	75	75	75	73.6
BEREA COLLEGE																																	
4 INCHES	MAX	78	78	75	75	75	75	75	75	76	76	77	77	77	75	77	77	79	80	80	80	80	80	80	80	80	80	80	78	78	78	78	77.7
	MIN	74	75	72	70	69	70	71	73	75	74	74	75	75	75	74	74	75	75	75	76	76	77	75	76	78	77	77	77	76	74	74	74.5
20 INCHES	5 PM	70	71	71	71	71	71	71	71	71	71	71	71	71	71	72	72	72	73	73	73	73	74	74	74	74	74	74	74	74	74	74	72.3
CAMPBELLSVILLE																																	
4 INCHES	MAX	82	74	80	76	77	74	82	76	80	81	82	81	82	82	82	82	83	83	83	83	83	83	83	83	82	83	77	82	80	83	80	80.8
	MIN	72	73	71	69	67	70	70	70	73	73	73	74	74	73	73	75	75	75	74	76	76	75	75	75	77	76	74	76	73	71	74	73.3
20 INCHES	6 PM	70	71	72	70	70	70	70	70	70	71	71	72	72	71	72	73	72	73	73	74	74	74	73	73	73	74	73	74	73	73	73	72.1
CUMBERLAND GAP PARK																																	
4 INCHES	MAX	80	79	74	80	77	78	78	77	75	76	77	77	79	77	78	77	80	81	81	79	80	81	79	80	81	79	76	78	76	78	77	78.2
	MIN	74	74	74	71	70	71	72	73	73	72	72	72	72	73	73	74	76	75	75	75	75	75	75	76	76	75	75	75	75	73	72	73.6
20 INCHES	5 PM	71	72	72	72	72	72	71	72	72	72	72	71	71	72	72	72	72	73	73	73	74	74	74	74	74	74	74	74	74	74	73	72.6
FLEMINGSBURG 1 SW																																	
4 INCHES	MAX	76	77	75	80	75	75	76	76	75	76	77	77	76	76	73	72	76	82	77	78	79	78	77	78	76	76	74	78	78	77	75	76.5
	MIN	70	71	68	66	65	67	67	70	69	70	70	72	65	71	69	69	70	70	73	72	72	73	72	73	69	72	71	72	72	70	72	70.1
20 INCHES	6 PM	67	67	67	68	68	68	68	68	68	68	68	69	69	69	69	69	69	70	70	70	70	71	71	72	72	72	72	72	72	72	72	69.6
GLASGOW WKAY																																	
4 INCHES	MAX	80	78	78	78	77	78	78	75	78	79	80	81	81	80	83	83	82	82	82	82	82	84	82	82	82	80	81	81	80	80	81	80.3
	MIN	74	75	72	70	70	70	72	73	72	73	73	74	75	76	75	76	75	76	78	76	76	77	75	76	78	76	76	77	75	73	76	74.5
20 INCHES	6 PM	70	71	71	70	70	69	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	75	75	75	74	74	74	72.4
GREENVILLE 2 W																																	
4 INCHES	MAX	84	-	-	-	-	-	85	82	81	83	84	84	85	82	84	84	84	84	85	86	87	84	85	85	86	81	83	83	84	81	84	83.8
	MIN	77	-	-	-	-	-	71	76	75	76	77	78	78	77	79	78	78	78	78	78	79	78	78	79	79	77	77	79	79	75	78	77.4
20 INCHES	5 PM	71	-	-	-	-	-	72	72	72	72	72	73	73	73	73	74	74	74	74	74	75	75	75	75	75	75	75	75	75	75	75	73.8
HENDERSON 7 SSW																																	
4 INCHES	MAX	81	81	78	78	77	78	79	79	79	79	80	81	82	82	80	81	82	83	83	83	83	84	84	85	84	82	82	83	83	81	80	81.2
	MIN	77	78	74	73	72	74	76	74	75	76	76	79	80	80	80	79	80	82	79	80	81	82	82	83	82	81	81	82	81	78	79	78.6
20 INCHES	6 PM	71	71	71	71	70	70	71	71	71	72	72	73	73	74	74	74	74	75	75	75	75	76	76	76	76	76	76	76	76	76	75	73.6
IRVINGTON																																	
4 INCHES	MAX	87	83	80	80	80	81	82	82	78	82	82	83	83	82	83	83	83	83	84	85	85	85	86	85	85	82	81	84	83	84	82	82.8
	MIN	76	79	74	73	73	75	76	77	75	77	77	78	79	79	79	79	78	80	79	80	80	80	80	80	82	80	80	80	79	77	79	78.1
20 INCHES	6 PM	69	70	70	70	70	70	70	70	70	71	71	71	72	72	72	72	72	73	72	73	74	74	74	74	74	74	74	74	74	74	74	72.1
LEXINGTON CAMPUS FARM																																	
BARE GROUND																																	
1 INCH	MAX	93	87	88	90	92	92	91	88	96	95	99	94	91	87	87	87	93	92	91	89	90	90	90	90	87	85	87	90	87	83	80	89.7
	MIN	68	71	62	58	58	64	65	70	68	69	70	72	69	68	69	68	71	71	73	72	70	72	70	71	73	73	73	72	66	62	71	68.7
2 INCHES	MAX	91	84	85	86	88	89	89	85	92	91	95	91	89	83	82	85	90	90	89	88	87	87	87	88	85	83	85	88	85	81	79	87.0
	MIN	70	71	64	60	60	65	66	71	69	70	71	73	71	69	70	69	71	72	74	73	71	73	71	73	73	74	74	73	68	63	71	69.8
4 INCHES	MAX	86	79	80	80	81	83	83	80	85	86	88	85	83	80	79	81	85	85	84	83	83	83	84	84	82	80	81	84	86	78	77	82.5
	MIN	72	73	66	59	64	67	69	72	70	72	73	75	72	71	71	71	72	74	75	75	72	74	73	74	75	75	75	74	71	67	72	71.5
8 INCHES	MAX	79	76	75	75	75	77	77	76	79	80	81	79	78	77	76	77	79	80	78	79	79	79	80	80	79	78	78	80	77	75	75	77.8
	MIN	72	74	70	67	67	69	71	73	72	73	74	75	74	73	72	73	73	75	76	75	74	75	74	76	76	76	76	75	74	70	73	73.1
SOD																																	
I INCH	MAX	80	77	76	75	75	76	77	77	82	82	84	79	82	79	79	81	84	84	83	82	83	84	84	83	81	80	81	82	80	78	77	80.2
	MIN	71	72	69	67	65	67	69	70	70	71	72	73	72	71	72	72	73	75	76	75	74	75	75	76	76	76	75	75	73	70	74	72.3
2 INCHES	MAX	79	76	75	74	75	75	76	75	80	80	82	77	81	78	78	80	83	83	82	81	82	82	82	82	80	79	80	81	78	77	76	79.0
	MIN	72	73	69	68	66	68	69	71	70	72	73	73	72	72	72	72	73	75	76	76	74	76	75	76	76	76	76	75	73	71	74	72.7
4 INCHES	MAX	77	76	75	73	75	74	75	75	78	78	80	78	79	76	77	78	81	81	81	80	80	80	81	81	80	78	79	80	78	77	76	78.0
	MIN	72	73	70	69	67	69	69	71	71	72	73	73	72	72	73	73	74	75	76	76	75	76	76	76	76	76	76	75	74	72	74	73.1
8 INCHES	MAX	77	74	73	71	74	72	72	73	74	78	76	75	76	74	74	76	77	78	78	78	77	78	78	79	78	77	77	78	76	76	75	75.8
	MIN	72	73	71	70	69	69	70	71	71	72	73	74	73	73	72	73	74	75	76	76	75	76	76	76	76	76	76	75	75	74	74	73.4
20 INCHES	7 PM	69	70	70	70	69	69	69	70	70	71	71	72	72	72	72	72	72	73	74	74	74	74	75	75	75	75	74	74	74	74	74	72.2
40 INCHES	7 PM	65	66	66	66	66	66	66	66	66	67	67	67	68	68	68	68	68	68	69	69	69	69	70	70	70	71	71	71	70	70	70	68.1
MAYFIELD RADIO WNGO																																	
4 INCHES	MAX	88	88	85	82	82	81	88	83	83	83	84	85	85	85	86	87	87	87	95	96	88	87	87	88	88	84	-	88	84	81	83	85.9
	MIN	80	80	77	74	74	75	76	79	78	79	78	79	80	80	80	80	80	80	80	80	81	84	84	81	84	81	-	81	80	79	79	79.4

DAILY SOIL TEMPERATURES

Station			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
PRINCETON 1 SE																																		
	4 INCHES	MAX	85	86	80	80	82	82	82	82	79	80	82	83	82	83	82	83	83	84	84	85	85	86	85	85	86	82	82	82	81	82	79	82.7
		MIN	75	76	72	70	70	72	74	75	73	74	74	77	77	77	78	77	77	79	78	78	79	78	78	79	80	77	77	79	77	75	76	76.1
	20 INCHES	5 PM	72	73	73	72	72	72	73	73	73	72	73	73	74	74	74	75	75	75	75	76	76	76	76	76	76	76	76	76	76	76	75	74.3
QUICKSAND																																		
	4 INCHES	MAX	82	84	84	80	79	79	82	83	82	83	82	83	84	85	81	80	83	84	84	83	84	85	84	83	82	80	79	80	81	80	78	82.0
		MIN	74	77	75	71	70	70	72	74	75	74	75	76	76	77	76	75	77	77	77	79	78	78	77	77	78	76	77	77	78	75	74	75.5
	20 INCHES	4 PM	73	73	74	73	72	72	72	73	73	74	74	74	75	74	75	75	75	76	76	76	77	77	77	77	77	77	77	76	76	75	75	74.8
SANDY HOOK 5 NE																																		
	4 INCHES	MAX	83	84	79	78	79	79	81	81	81	83	83	84	86	80	81	80	84	85	86	83	83	84	84	85	85	82	80	82	83	80	79	82.2
		MIN	74	72	73	69	68	69	71	73	74	73	74	76	75	75	74	74	75	77	78	77	76	78	76	77	76	77	77	76	75	72	75	74.4
	20 INCHES	6 PM	72	72	72	72	72	72	72	73	73	73	73	74	74	74	74	74	74	75	75	75	75	75	75	75	76	76	75	75	76	75	75	74.0
SOMERSET 2 N																																		
	1 INCH	MAX	86	85	81	80	80	81	81	81	80	83	83	85	85	80	82	82	86	86	86	86	88	85	84	84	85	84	84	83	83	81	84	83.4
		MIN	74	76	73	70	68	69	71	73	72	74	73	74	75	74	77	75	74	75	78	76	77	77	75	75	78	77	76	76	76	77	75	74.5
	4 INCHES	MAX	82	82	81	79	78	79	79	79	78	80	81	82	82	79	80	79	83	83	84	84	84	82	-	-	-	-	-	-	-	-	-	80.9
		MIN	75	76	74	70	69	70	71	74	72	74	74	75	75	75	73	74	75	77	78	77	78	78	-	-	-	-	-	-	-	-	-	74.3
	20 INCHES	6 PM	73	74	74	73	73	73	73	73	73	73	73	74	74	74	75	75	75	75	76	76	76	77	77	77	77	77	77	77	77	77	76	75.0
WILLIAMSTOWN 3 NW																																		
	4 INCHES	MAX	76	76	75	73	73	75	74	74	75	77	77	77	77	76	76	74	77	78	78	78	77	78	78	78	77	78	76	77	76	76	74	76.2
		MIN	72	73	70	68	68	69	70	70	70	70	73	74	74	74	74	74	74	75	76	77	75	76	76	76	77	77	76	76	74	73	74	73.4
	20 INCHES	6 PM	68	68	68	68	68	68	68	68	68	68	69	69	70	70	70	70	70	70	71	71	71	71	72	72	72	72	72	72	72	72	72	70.0

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN S.J. PREP SCHOOL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN S J PREP SCH	0397	02	NELSON	8	37 48	85 28	631	5P	5P		GH	ST. JOSEPH PREP. SCHOOL
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 20	390				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTER
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	450		6P			JOE RAY ALLEN
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		PHILLIP O. THACKER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			KENTUCKY UTILITIES
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			WILLIAM F. BRAMBLETT
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	650	6P	6P		GH	WAYDE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	8A			HONUS S SHAIN, JR
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD L. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISION
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	116	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	625		7A		C	JOE M. SLAYDEN
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL 2 WNW	6013	04	CARTER	7	38 19	83 12	895				C	GEORGE E. DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		7A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	WM C JARRELLS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TATHAM SPRINGS	7924	02	WASHINGTON	8	37 52	85 09	670				C	CHARLIE S. KAYS
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1630		8A			MRS. KATHLEEN H. PETERS
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	880				C	JAMES O. BRADLEY
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. MELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C R SMITH, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
AUGUST 1968
Volume 63 No. 8

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	90.1	66.1	78.1		98	23	48	28	0	18	0	0	0	2.47		1.20	1	.0	0		6	1	1
BEAVER DAM	89.0	64.9	77.0		96	23	46	28	6	18	0	0	0	2.78		1.26	1	.0	0		4	3	1
FORDS FERRY DAM 50	88.3	68.7	78.5		96	24+	54	28	0	17	0	0	0	2.07	- 1.23	1.80	1	.0	0		2	1	1
GILBERTSVILLE 1 SE	89.8	68.7	79.3		96	24+	55	26	0	19	0	0	0	4.27		2.31	10	.0	0		4	3	1
GOLDEN POND 8 N	89.8	69.9	79.9		97	24+	56	28	0	19	0	0	0	3.38		1.21	11	.0	0		5	4	1
GREENVILLE 2 W	88.2H	65.8M	77.0H	.4	95	23+	49	28	1	15	0	0	0	2.41	- 1.20	1.07	13	.0	0		5	2	1
HENDERSON 7 SSW	88.6	66.8	77.7	.5	96	24+	49	28	1	17	0	0	0	1.25	- 2.15	.85	1	.0	0		2	1	0
HICKMAN 1 E	89.8	66.4	78.1		99	23	47	28	1	20	0	0	0	1.40		.95	2	.0	0		2	1	0
HOPKINSVILLE	91.0	65.5	78.3	.6	98	25+	50	29	0	21	0	0	0	2.29	- 1.14	1.59	15	.0	0		3	1	1
LOVELACEVILLE	88.9	66.4	77.7	- .6	96	23	49	28	0	17	0	0	0	3.40	.15	1.94	1	.0	0		4	2	1
MADISONVILLE 1 SE	89.3	65.6	77.5		96	24+	47	28	4	19	0	0	0	3.08		1.48	1	.0	0		5	2	1
MAYFIELD RADIO WNGO	91.3M	65.5H	78.4H		99	23	48	28	0	21	0	0	0	1.47		.53	11	.0	0		5	1	0
MURRAY	87.6	68.4	78.0	- .6	96	24	53	28	0	14	0	0	0	.51	- 2.74	.21	16	.0	0		2	0	0
OWENSBORO 2 W	89.5	66.6	78.1	1.2	97	21	53	31+	0	17	0	0	0	2.01	- 1.44	.80	1	.0	0		6	1	0
PADUCAH FAA AIRPORT	86.8	68.2	77.5		94	23+	50	28	0	16	0	0	0	4.21		1.41	14	.0	0		6	4	2
PADUCAH	89.2	68.5	78.9		95	24+	52	28	0	18	0	0	0	4.05	.73	1.14	1	.0	0		5	5	1
PRINCETON 1 SE	89.5	67.1	78.3	.5	97	24+	48	28	0	19	0	0	0	2.30	- 1.03	.90	1	.0	0		5	2	0
ROCHESTER LOCK 3	87.2	66.0	76.6		95	25+	47	28	7	14	0	0	0	2.44		1.07	14	.0	0		6	1	1
RUSSELLVILLE	89.0	66.1	77.6	.4	98	24	45	28	4	16	0	0	0	1.84	- 1.61	.66	14	.0	0		5	2	0
DIVISION			78.0	.5										2.51	- .88			.0					
* * * CENTRAL 02																							
ANCHORAGE	86.0	65.0	75.5	.8	93	24+	47	27	7	15	0	0	0	2.48	- 1.07	.78	10	.0	0		7	2	0
BARDSTOWN S J PREP SCH	88.2	65.8	77.0		95	24+	46	29+	9	16	0	0	0	3.42		1.18	1	.0	0		7	2	1
BARREN RIVER RESERVOIR	90.5	65.9	78.2		100	24	50	28+	2	20	0	0	0	3.43		2.14	15	.0	0		3	2	2
BOWLING GREEN FAA AP	89.5	67.1	78.3	.4	98	23+	50	28	1	17	0	0	0	2.81	- .79	1.15	10	.0	0		6	2	1
BRADFORDSVILLE	88.1	63.7	75.9		97	23	41	28	15	16	0	0	0	2.76		.90	11+	.0	0		5	2	0
CAMPBELLSVILLE 2 SSW	88.7	65.9	77.3		96	20	48	27	5	17	0	0	0	1.85		1.04	10	.0			3	1	1
CECILIA	88.9	63.2	76.1	.7	96	23	45	28	8	17	0	0	0	2.55	- 1.09	1.35	13	.0	0		3	2	1
CLERMONT 1 SSE	88.9	64.6	76.8		98	20	46	29	7	16	0	0	0	4.44		.99	1	.0	0		9	3	0
GLASGOW WKAY	89.5	66.5	78.0		97	24	49	27	2	18	0	0	0	2.25		.90	10	.0	0		5	2	0
GREENSBURG	90.6	65.6	78.1	2.0	98	25+	47	28	3	20	0	0	0	3.55	- .31	1.91	11	.0	0		4	2	1
HODGENVILLE-LINCOLN NP	89.2	62.2	75.7		97	24+	45	29+	10	17	0	0	0	2.06		.74	1	.0	0		6	2	0
IRVINGTON	86.8	66.4	76.6	.1	95	23	50	28	3	15	0	0	0	2.68	- .46	1.44	1	.0	0		4	1	1
LEITCHFIELD 2 N	89.1	65.8	77.5	.8	97	23+	47	29+	7	17	0	0	0	2.81	- .57	1.14	14	.0	0		4	2	2
LOUISVILLE	89.8	70.0	79.9		99	24+	55	27	0	17	0	0	0	2.80		1.07	10	.0	0		4	3	1
LOUISVILLE WB AP R	87.3	68.5	77.9	1.7	96	24	54	29+	1	16	0	0	0	3.68	.71	1.61	10	.0	0		5	2	1
MAMMOTH CAVE PARK	88.6	63.6	76.1		95	25+	43	28	6	17	0	0	0	2.99		1.26	15	.0	0		6	1	1
NOLIN RIVER RESERVOIR	89.2	65.7	77.5		97	25+	50	29	0	15	0	0	0	1.73		.60	2	.0	0		5	1	0
ROUGH RIVER DAM	88.8	63.7	76.3		97	6	46	29	5	16	0	0	0	2.34		.72	1	.0	0		4	3	0
SCOTTSVILLE 3 SSW	89.1	67.9	78.5		98	24	53	28+	0	18	0	0	0	1.66		.59	10	.0	0		5	1	0
SUMMER SHADE	87.9	65.1	76.5		95	23	47	27	5	16	0	0	0	4.90		2.30	14	.0	0		4	2	2
WOLF CREEK DAM	90.0	62.9	76.5		97	25+	46	28+	4	17	0	0	0	3.32		2.17	11	.0	0		3	2	1
DIVISION			77.2	1.0										2.88	- .66			.0					
* * * BLUE GRASS 03																							
BEREA COLLEGE	87.3	69.0	78.2	2.3	95	23	58	27	0	13	0	0	0	4.55	.43	2.43	13	.0	0		6	2	2
CARROLLTON LOCK 1	85.4	65.7	75.6		93	24+	48	29	7	13	0	0	0	3.20	- .27	.99	1	.0	0		6	3	0
COVINGTON WB AIRPORT R	85.0	65.5	75.3	1.2	94	24+	51	29+	4	12	0	0	0	2.26	- .34	.78	8	.0	0		7	1	0
CYNTHIANA 2	86.2	62.9	74.6		95	22	43	29	15	13	0	0	0	6.71		2.03	5	.0	0		7	5	2
DANVILLE	86.5	64.8	75.7		94	24+	49	30+	7	14	0	0	0	4.94	1.00	1.51	11	.0	0		7	4	3
DIX DAM	86.8	65.6	76.2		96	10	48	27	6	15	0	0	0	4.55		2.83	14	.0	0		4	2	2
FALMOUTH 5 WNW	85.8	62.5	74.2		95	21	43	29+	19	12	0	0	0	5.40	2.39	1.62	9	.0	0		7	3	2
FARMERS 1 WNW	85.9	63.8	74.9	.7	94	21	43	29	13	13	0	0	0	7.63	3.52	1.86	14	.0	0		10	6	3
FLEMINGSBURG 1 SW	84.2	64.5	74.4		93	21	47	27	12	10	0	0	0	4.47		1.37	14	.0	0		7	3	1
FRANKFORT LOCK 4	86.9	64.7	75.8	- .2	96	24	47	29	9	15	0	0	0	3.11	- .33	.94	1	.0	0		6	2	0
LEXINGTON WB AIRPORT R	84.8	66.1	75.5	- .5	93	23	49	29+	5	12	0	0	0	5.27	2.06	3.56	14	.0	0		5	2	1
MAYSVILLE SEWAGE PLANT	86.4	64.4	75.4	1.0	95	22	48	30	8	14	0	0	0	5.13	1.09	1.38	11	.0	0		8	4	1
MOUNT STERLING	85.9	66.1	76.0		94	21	49	29+	6	12	0	0	0	5.87	2.32	1.34	9	.0	0		8	5	3
OWENTON 2 S	86.5	62.2	74.4		94	24+	46	29	5	14	0	0	0	3.59		1.08	9	.0	0		7	3	1
RICHMOND	86.1	65.3	75.7		95	24+	48	28+	8	14	0	0	0	5.15		1.60	14	.0	0		7	3	2
SHELBYVILLE	85.4	64.1	74.8	- .7	96	23	49	27	10	14	0	0	0	5.17	1.55	1.70	9	.0	0		8	4	2
WARSAW MARKLAND DAM	85.6	63.9	74.8	- .6	94	22	47	30+	14	14	0	0	0	5.36	1.98	1.35	8	.0	0		10	5	1
WAYNESBURG 7 NE	85.4	64.3	74.9		94	23	47	27	9	13	0	0	0	2.39		1.02	15	.0	0		6	1	1
WILLIAMSTOWN 3 NW	84.8	65.7	75.3	- .4	93	21	48	27	10	11	0	0	0	2.68	- .55	.95	9	.0	0		7	2	0
DIVISION			75.4	- .1										4.60	.93			.0					
* * * EASTERN 04																							
ASHLAND	86.7	60.6M	73.7M	- 2.1	95	22	46	30+	14	13	0	0	0	7.22	3.90	1.80	11	.0	0		10	6	3
BARBOURVILLE	87.8	63.3	75.6		96	20	44	29	12	15	0	0	0	2.32		.55	14	.0	0		8	2	0
BAXTER	86.8	63.6	75.2		95	24+	46	29	12	14	0	0	0	3.11		.92	9	.0	0		7	2	0
BLAINE 2 W	85.9	60.7	73.3		95	22	42	30	29	14	0	0	0	5.67		2.25	16	.0	0		9	4	2
CUMBERLAND	87.7	61.9	74.8		98	22	43	28	9	15	0	0	0	3.10		.82	1	.0	0		7	3	0

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 98

THE LIBRARY OF THE
OCT 25 1968
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

KENTUCKY
AUGUST 1968

Continued

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	87.6	63.5	75.6		97	25	48	30+	6	16	0	0	0	5.82		1.30	15	.0	0		9	6	1
GRAYSON 3 SE	86.7	62.1	74.4		95	25+	43	29	23	15	0	0	0	5.20		1.87	11	.0	0		9	4	1
HEIDELBERG LOCK 14 R	86.5	64.0	75.3		95	20	46	29	10	14	0	0	0	6.27	2.26	2.01	14	.0	0		9	3	2
HINDMAN 11 NNE	87.3	60.7	74.0		94	24+	46	29	12	16	0	0	0	5.54		1.25	11	.0	0		9	5	1
HYDEN	88.4M	63.4M	75.9M		95	24	47	29+	9	17	0	0	0	5.63		1.77	2	.0	0		6	4	3
JACKSON	87.0	62.3	74.7		95	25+	46	29	14	14	0	0	0	8.96		2.88	11	.0	0		8	5	4
LONDON FAA AP	86.1	64.6	75.4		93	24+	49	29+	9	13	0	0	0	4.40		1.38	17	.0	0		8	4	2
MANCHESTER 4 SE	86.6	64.0	75.3		95	23	46	29+	10	13	0	0	0	5.09		1.70	2	.0	0		6	4	3
MC KEE	85.0	60.6	72.8		94	23	43	29+	31	11	0	0	0	3.23		.88	5	.0	0		8	3	0
MIDDLESBORO																							
MONTICELLO	89.2	64.5	76.9		97	24+	46	28	6	18	0	0	0	2.69		1.41	11	.0	0		4	3	1
MOUNT VERNON	86.5	65.1	75.8		93	23+	46	27	8	15	0	0	0	2.82		1.36	5	.0	0		6	2	1
PIKEVILLE	89.1	65.3	77.2		96	23+	48	28	0	16	0	0	0	4.76	.81	1.08	14	.0	0		10	5	1
SOMERSET 2 N	87.9	63.2	75.6		96	19+	48	29	5	16	0	0	0	3.49		1.72	10	.0	0		6	2	1
STEARNS	86.0M	63.6M	74.8M		94	24	47	28	9	11	0	0	0	1.77		1.19	11	.0	0		3	1	1
TOMAHAWK 1 WSW	85.5M	59.7M	72.6M		93	24	41	30+	28	13	0	0	0	2.87		.77	1	.0	0		7	3	0
VANCEBURG	84.8	60.6	72.7		95	21	44	29	22	10	0	0	0	2.30	- 1.39	.72	14	.0	0		5	2	0
WEST LIBERTY	86.5	59.4	73.0		94	24+	41	30+	25	14	0	0	0	4.32		1.38	11	.0	0		7	4	1
WILLIAMSBURG 1 E	87.4	65.2	76.3	.1	95	21	46	27	4	13	0	0	0	3.02	- .75	1.53	15	.0	0		6	2	1
DIVISION			74.8	- .5										4.33	.53			.0					

SPECIAL WEATHER SUMMARY

The month was marked by extremes. There were some very warm temperatures on a number of days - the highest in 2 years. These were followed toward the end of the month at a number of locations by record low readings for one or more dates. Heavy rains fell on several areas on several days during the first half of the month, and this was followed by dry weather during the balance of the month in most sections.

Temperatures for the month as a whole averaged just about normal since a number of warm days were offset by several spells with cooler temperatures. Despite heavy rains over portions of the State, precipitation for the month as a whole was below average over much of the west, and much below average over a limited area in the southwest. For example, stations at Fulton, Ft. Campbell, Murray, and Cadiz recorded less than an inch of rainfall. On the average in this area an August as dry occurs less often than 5 out of 100 years. At Murray the 0.51 inch of rainfall made it the third driest August in the 43 years of climatological record; only the Augusts in 1930 and 1965 were drier.

There was a lightning injury in Shelby County on the 9th and a death due to lightning in Allen County on the 20th. Storm damage of several types was reported on several days, chiefly in the north and during the first half of the month. It was reported that from 800 to more than 1,000 acres of tobacco were destroyed; that another 10,000 acres of crops were damaged to some degree.

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** Note: These notes highlight several noteworthy weather events and were compiled before weather data processing for this publication was completed. For further details see the accompanying tables. Also see this month's issue of STORM DATA for more details of the storms noted above and additional storms.

DAILY PRECIPITATION

Station	Total	Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	2.47	1.20						.03			.32	.12		.03	.16	.21																.40
BEAVER DAM	2.78	1.26							.03	.26	.58			.65																		
CALHOUN LOCK 2	4.82	2.10	.94		.04					.32					.82	.60																
COBB	1.46	.23	.23									.82					.18															T
DAWSON SPRINGS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNDEE 4 ESE	3.91	1.68	.12		.70					.05	.38				.65	.33																
DUNMOR	3.72	.08	.22							.45	.22	.02			.55	2.18																
ELKTON 2 S	1.86		.12							.02	.10	.27		.15	1.15	.05																
FORDS FERRY DAM 50	2.07	1.80	.12	T						.06					.09				T													
FRANKLIN 1 E	.77										.02	.48			.27																	
GILBERTSVILLE 1 SE	4.27	.82	T	T		T			T		2.31	.91			.02	.21	T	T	T	T			T	T	T		T					
GOLDEN POND 8 N	3.38	.30	.50									1.21			.72	.05	.60															
GREENVILLE 2 W	2.41	.68									.05			1.07	.24	.12	.25															
HARTFORD 6 NW	4.47	1.86	.91	T	.97					.04	.19				.29	.21	T															
HENDERSON 7 SSW	1.25	.85							.08		.04			.07	.15	.06																T
HICKMAN 1 E	1.40	.08	.95					T			T	.07	T	.30	T	T	T															T
HOPKINSVILLE	2.29	T	.19									.02			.45	1.59	.04															
LOVELACEVILLE	3.40	1.94									.30					.68																.48
MADISONVILLE 1 SE	3.08	1.48	.20									.15			.32	.93																
MAYFIELD RADIO WNGO	1.47	.41	.02				T					.53	T		.14	.19	.18															T
MURRAY	.51		.20		.02							.08					.21															
OWENSBORO 2 W	2.01	.80	.08		.10		.03			.15		.27			.10	.48																
OWENSBORO DAM 46	1.92	.70			.29		.06			T	.06	.18			.07	.51							.05									
PADUCAH FAA AIRPORT	4.21	.65	T								1.05		T	.02	1.41	.16		.64														.28
PADUCAH	4.05	1.14									.52	.78			.96	.65																
PARADISE STEAM PLANT R	5.33	.50	.20									.34			4.13	.16																
PRINCETON 1 SE	2.30	.90									.42	.22		T	.22	.54																
ROCHESTER LOCK 3	2.44	.10	.45									.41			1.07	.12	.29															
RUSSELLVILLE	1.84	.03	T								.18	.55		.18	.66	.22	.02															
SEBREE	5.26	1.90							.10						3.00	.26																
UNIONTOWN DAM 49 //	2.00	.55	.05									.23		.02	.25				.60							.30						
* * * CENTRAL 02																																
ADDISON DAM 45 //	1.80	1.00	.19								.40	.08			.11	.02																
ALBANY 4 N	1.51											1.03			.35	.13																
ANCHORAGE	2.48	.18		.55					.20	.16	.78			.41									.20									
BARDSTOWN S J PREP SCH	3.42	1.18		.21					.04	.40	.60	.31		.43	.22	.02	.01															
BARREN RIVER RESERVOIR	3.43	T	T		T					.02		.21			1.06	2.14	T															
BOWLING GREEN	1.65		.05									.20			1.28								.12									
BOWLING GREEN FAA AP	2.81	.10		T					T		1.15			.88	.26							.32	.10									
BRADFORDSVILLE	2.76	.37	.03							.90		.90			.42	.14																
BROWNSVILLE	2.62	.08	.22		.75					.25	T	.38		.30	.64	T								T	T							
BURKESVILLE 2 W	2.00		.18							.09	1.12	.37			.24	T																
CAMPBELLSVILLE 2 SSW	1.85	.31							.02		1.04	.01		T	.47																	
CANEYVILLE	2.67	.42	.78		.13						.25	.11			.58	.40																
CECILIA	2.55	.72		T	.07				T		T			1.35			.41															
CLERMONT 1 SSE	4.44	.99		.45		T			.22	.68	.93	.30		.42	.25	.18	.02															
EDMONTON	2.17										.44	.55			1.03	.15																
GAMALIEL 1 S	2.72	T								.28	1.40	.30		T	.72		.02															
GLASGOW	2.21		.35		.02				.35			.57			.62	.30																
GLASGOW WKAY	2.25	.18								.09	.90	.20		.61	.20	.07																
GLENDALE 1 E	3.69	.10	.80		.56							1.01			.73	.24	.25															
GREENSBURG	3.55		.17		T					.98		1.91			.46	T	.03							T								
GREENSBURG HIWAY 61	3.63	.03	.11		.01					1.08	T	1.77			.53		.10															
HODGENVILLE-LINCOLN NP	2.06	.74		.26	.04						.55	.08		.10	.10	.17							.02									
IRVINGTON	2.68	1.44		.07						.05	.46	.02		.20	.06	T	.03		.35													
LEITCHFIELD 2 N	2.81	.31	1.13									.21			1.14		.02															
LIBERTY	2.23	.19	.15							.05	.06	.55			.80	.43																
LOUISVILLE	2.80		T	.80					T	T	1.07			.38		.55																
LOUISVILLE WB AP R	3.68	.06		.76				.41		.01	1.61			.38	.45	T																T
LOUISVILLE UPPER GAGE	3.54	.53	T	T	.45				.15		.02	.70		T	.55	.92	.01									.21						
MAMMOTH CAVE PARK	2.99	.37	T		.10					.01		.37		.45	.38	1.26	T					.05										
MILLERSTOWN	1.72	.37	.21		.15						.44				.45		.10															
MUNFORDVILLE	3.69	.07	.28		1.18					1.32	.05				.70	.09	T															
NOLIN RIVER RESERVOIR	1.73		.60		T					.26		.19			.42	.26	T															
ROUGH RIVER DAM	2.34	.72	.55		.07						.25	T			.70	T	.05															
SCOTTSVILLE 3 SSW	1.66	.02									.59			.48		.13					.27		.17									
SCOTTSVILLE 2 SW	1.61	.06	T								T	.35			.50							.70										
SHEPHERDSVILLE	6.27		.46		.45				.05	.62	.20	1.62			1.97	.80	.10															
SUMMER SHADE	4.90	.07							T	.48	1.70			.35	2.30																	
WOLF CREEK DAM	3.32	.87									.15	2.17			.07	.06																
WOODBURY LOCK 4	2.16	.10	.44							.01		.35		.21	.42	.62	.01															
* * * BLUE GRASS 03																																
BEREA COLLEGE	4.55						.12		.05		1.20	.35	.05	2.43				.10							.25							
BEREA	5.04	.32	.35						.12	T	.35	1.38			1.57	.68									.27							
CARROLLTON LOCK 1	3.20	.99		T	.20	.06			.65	.26	.10	.06		.02	.76		.02		.08		T											
COVINGTON WB AIRPORT R	2.26	.20		.02	.39			.27	.78		.12			.23	.03	.14	.08	T					T		T							
CYNTHIANA	5.91	.61	.22			1.29			.02	T	.28	.72			.62	1.26	.89															
CYNTHIANA 2	6.71		.90			2.03				.04	.28	.73			.43	1.78	.52															
DANVILLE	4.94	.15	.68		.11	.04					.15	1.51			1.29	1.01																
DIX DAM	4.55	.33	.14		.03	T			.04		.06	1.03			2.83	.09																
FALMOUTH 5 WNW	5.40	.52	.26		T	1.45			.48	1.62	.03	.42		.06	.07	.45	.02		.02													
FARMERS 1 WNW	7.63	.76	.38			1.08			.62		.86	1.25		T	1.86	.22	.42			T						.18						
FLEMINGSBURG	4.49	.47	.59			.70			.39	.33	.03	.67			1.12	.19	T															
FLEMINGSBURG 1 SW	4.47	.48				.91		.42		.30	.61	.07		.28	1.37	.03																
FORD LOCK 10	4.52	.05	.20		T	.03			.45		.12	1.41		T	1.99	.14	.13									T						
FRANKFORT LOCK 4	3.11	.94	.18	T	.04				.33	.01	.07	.47			.93	.11								.03								
GEORGETOWN WATER WORKS	4.13		.82						.19		1.18	.60			1.34																	
GEST LOCK 3	2.76	.89	.12	T	.05				.30	.18	.45	.28		T	.49	T	T		T													
HIGH BRIDGE LOCK 7	5.35	.02		.03		.33	T		.13		.58	1.65	T		2.56	.05																
KEENE 1 SSW	5.45	T	.43		.38						.08	1.76			1.82		.98															
LA GRANGE 1 ESE	5.05	.06	T	.56	.54	T			.47	1.39	1.54	.03	T	.43	.03																	
LANCASTER	4.81	.60	.62										1.14		1.81	.51											.13					
LEXINGTON WB AIRPORT R	5.27	.35		.02	T			.10	T	.03	.79			.41	3.56	.01																
LITTLE HICKMAN LOCK 8	5.82	.53	.41		.03						.46	.98			2.56	.85																
LOCKPORT LOCK 2	4.80	.95		T	.18				.31	.56	1.25	.80		T	.63	T			.12													
MAYSVILLE SEWAGE PLANT	5.13	.52	.78		.02	.31			.38	.41	.05	1.38			.41	.04	.05		T	.78												
MIDWAY	5.37	.52	.77						.45	.05	.36	1.43			1.56	.23	T															
MOUNT STERLING	5.87	.31		T	.22	.07		.10		1.34	1.23			.64	1.19	.64		T	T					.05	.08							
OWENTON 2 S	3.59	.20		.13					.27	1.08	.08	.68		.16	.98	.01																
RICHMOND	5.15	.21	.48		T	.05			.02		.66	1.50			1.60	.46	.17									T						
SALVISA LOCK 6	5.67	.07	.65		.48	.10			.64	.01	.74	1.63			1.24	T	.11															
SHELBYVILLE	5.17	.70	.10		.14				1.27	1.70	.04	.73		.01	.29	.02	.02	T						.15								
SPRINGFIELD	5.08	.34	.46		.47	.07						1.90			1.22	.27		.35														
TAYLORSVILLE	2.02	.03	.12		.24				.05	.05	.03	.99		.51																		
TYRONE LOCK 5	4.39	T	.55		.08				.11	.03	.10	1.03	.04		1.26	1.19																
VALLEY VIEW LOCK 9	5.34		.28		T	.02			.21		.20	1.68			2.71	.20	.04									T						
WARSAW MARKLAND DAM	5.36	.80	.03	.02	.65	.17			1.35	.58	.14	.53		.02	.23	.45	.39		T													

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	2.39	.31	.23									.21			.33	1.02	T		.29													
WILLIAMSTOWN 3 NW	2.68	.07		.05	.05	.12		.13	.15	.95	.81	.01		.12	.12	.05		T					.05									
* * *																																
EASTERN 04																																
ASHLAND	7.22	.58	.50			.10			1.43	.26	.17	1.80			1.00	.98	.03			.37												
BARBOURVILLE	2.32		.18	.03		.10					.52	.17	T		.55	.23	.37		.17							T						
BAXTER	3.11		.62	.07		.11				.92	.24	.40			T	T	T		.25						.07	.43						
BLAINE 2 W	5.67	.25	.20						.05		.50	1.07			.50	.42	2.25		.28							.15						
BUCKHORN	4.01	T	.20	T		.42			T		.32	.70			.33	.50	.73		.67							.14						
BURDINE 2 NE	5.04		.28			.65				.20	.30	1.93			.12	.85	.17		.38							.16						
CLAY CITY 1 WNW	7.20	.25	.15			.40			.20		.10	1.80			1.90	2.05	.10									.25						
COLLEGE HILL LOCK 11	5.24	T	.24		T	T			.02		1.13	.68			2.39	.74	T									.04						
CUMBERLAND	3.10	.82	.07		.51				T	T	.63	.10			.03	.27			.43					.21	.03							
CUMBERLAND FALLS ST PK	1.76	.63	.02							.50	.06	.02		.32	.13	.08																
DEWEY DAM	5.82		.50			.10					.75	.95			.30	1.30	.62		.80	.45						.05						
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOURMILE KY UTIL PARK	1.78		.25	.40								.37				.06	.07		.48							.15						
FREEBURN 2 SW	4.24	.05	.35			.56				.02	.13	.39			.24	.68	1.22		.57							.03						
FRENCHBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAYSON 3 SE	5.20	.48	.70			.18			.30	.14	.19	1.87		.03	.57	.71	.03			T												
HAZARD WATER WORKS	5.27		.68			.42					.29	.92			.12	1.52			1.32													
HEIDELBERG LOCK 14 R	6.27	.15	.17			T			.33	T	1.70	.90			2.01	.14	.47									.40						
HINDMAN 11 NNE	5.54		.18			.76				.35	.75	1.25			.87	.58	.47									.33						
HYDEN	5.63		1.77			.97			.03	T		1.57			.12	.01			1.03							.13						
JACKSON	8.96	.03	.12			.78			.32		2.20	2.88			1.13	1.29	.16									.05						
JEREMIAH	.70	.10			.10										.10				.40													
LLOYD GREENUP DAM	4.21	.45	.53		.02	.37			.27	.47	T	.85			.05	.80	T			.40												
LONDON FAA AP	4.40	.81			.01				.12	.13	1.14	.02		.52	.11	.04		1.38							.11							.01
LOUISA 2	4.04	.62	.33			.05				T	.31	1.14			.30	.51	.28	T	.02	.37					.09	.02						
MANCHESTER 4 SE	5.09		1.70			1.03						1.11				.08	.15		.35							.67						
MARTIN	6.22	.11	.26			.60					.12	.74			1.10	.91	1.23		.40							.75						
MC KEE	3.23	.15	.14			.88	.01				.07	.68			.64	.12			.08	.12						.34						
MIDDLESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTICELLO	2.69	.02	.64								.02	1.41			.50	.10																
MOUNT VERNON	2.82	.18	T	.19		1.36					.27	.03		.04	.58	.07			.10													
ONEIDA	5.77		.48			.45					.80	.86			1.40	.54	.31		.48			.45										
PAINTSVILLE 1 S	4.61	.14	.20		T					.30	1.30	T			.55	.65	T	.22	.15	.80				.30								
PIKEVILLE	4.76	.18	T		.62					.41	.25	.50		.52	1.08	.30		.69	.04	.14					.03							
RAVENNA LOCK 12	6.76	.05	.88		T						.05	1.32			3.02	.54	.37		T							.53						
SALYERSVILLE 2 SE	4.47		.65			.45			.08		1.09	.52			.51					1.06					.11							
SOMERSET 2 N	3.49	.07			.75			T			1.72	.08		.24	.21	.31								T	.11							
STEARNS	1.77					.42						1.19			.16	T								T								
TILFORD	3.26	.60	.03		.61	.02				T	.72	.22		T		.06	T	T	1.00													
TOMAHAWK 1 WSW	2.87	.77	.15	.05							.50				.56	.29	.03		.14	.38												
VANCEBURG	2.30	.03			.04	.02			.18	.03	.45			.03	.72	.15		T	.65													
WEST LIBERTY	4.32	.19	.13			.68	.02		.10		.03	1.38			.83	.79	.02		.09							.06						
WILLIAMSBURG 1 E	3.02		.11							.25		.32				1.53	.62					.11				.08						
WILLOW LOCK 13	5.79	.32	.37								.22	.96			3.14	.56	T									.22						

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	23	1.5	5.9	28++	24	04	79	84	56	64	3	3	6	1	0	0	13	-	6.1
LEXINGTON WB AIRPORT	20	1.9	6.8	21++	36	07	81	86	59	65	2	3	3	1	0	1	10	-	5.0
LOUISVILLE WB AIRPORT	22	1.5	6.5	33	N	07	80	85	56	60	2	2	3	1	1	0	9	71	5.4

See reference notes following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	85	83	93	93	94	95	94	93	94	89	79	81	87	88	90	93	95	94	95	95	96	97	98	97	92	85	80	82	84	88	84	90.1
	MIN	66	64	69	71	71	72	72	70	71	71	64	61	69	71	70	71	72	68	69	71	70	70	72	68	62	52	54	48	54	58	58	66.1
BEAVER DAM	MAX	89	84	91	93	94	93	95	94	90	89	83	82	85	88	90	91	92	94	95	93	95	94	96	95	92	80	77	78	80	82	85	89.0
	MIN	69	60	65	69	69	70	72	69	70	71	63	57	66	68	70	70	73	69	70	70	70	72	76	71	67	54	48	46	47	52	50	64.9
FORDS FERRY DAM 50	MAX	76	84	93	93	93	95	92	93	93	89	79	82	87	85	91	92	95	94	95	95	93	96	96	96	85	78	75	79	79	84	79	88.3
	MIN	67	64	70	73	72	73	73	73	74	74	64	62	69	73	72	74	75	72	74	72	74	74	74	75	64	60	57	54	59	59	61	68.7
GILBERTSVILLE 1 SE	MAX	88	82	93	93	94	94	94	93	93	91	82	84	88	87	90	91	95	94	95	95	94	95	96	96	90	84	80	80	82	87	83	89.8
	MIN	68	64	69	72	72	73	73	72	73	71	65	65	71	72	71	72	74	72	72	73	73	73	73	73	70	55	58	56	62	61	63	68.7
GOLDEN POND 8 N	MAX	90	78	84	90	95	93	94	94	94	94	93	80	84	86	88	91	91	94	95	97	95	95	96	97	96	87	82	78	82	82	88	89.8
	MIN	70	66	67	72	73	73	73	75	74	74	65	65	66	72	73	73	75	73	75	74	76	76	77	75	73	64	58	56	58	62	63	69.9
GREENVILLE 2 W	MAX	87	85		91	92	93	91	90	90	88	79	84	85	85	89	89	92	92	94	95	94	94	95	94	92	80	77	80	81	84	85	88.2
	MIN	70	60		65	71	72	72	70	71	72	64	56	67	70	70	70	74	70	71	71	72	72	73	73	69	55	50	49	51	53	52	65.8
HENDERSON 7 SSW	MAX	82	84	92	93	93	94	92	92	92	89	80	82	83	87	91	91	95	93	95	95	95	95	96	96	88	80	76	81	80	84	82	88.6
	MIN	67	62	66	72	72	73	74	72	73	72	61	59	66	71	71	72	75	70	73	73	71	73	73	75	67	57	52	49	53	53	54	66.8
HICKMAN 1 E	MAX	82	84	95	94	94	95	93	93	93	90	79	84	86	90	92	93	95	94	95	95	95	96	99	96	92	83	81	81	81	85	80	89.8
	MIN	68	65	70	70	71	71	70	70	70	70	63	62	69	70	70	69	74	69	68	70	71	70	70	73	70	53	55	47	53	57	59	66.4
HOPKINSVILLE	MAX	90	81	85	91	94	93	95	95	94	93	94	88	86	89	91	92	92	96	94	97	96	96	92	98	98	90	83	83	82	84	88	91.0
	MIN	68	62	63	67	69	70	69	70	71	71	68	59	60	68	68	69	68	70	70	70	71	72	72	71	69	57	53	54	50	56	55	65.5
LOVELACEVILLE	MAX	83	83	93	93	93	94	94	93	92	93	84	86	84	88	88	90	93	93	93	93	95	94	96	94	86	84	79	81	83	85	76	88.9
	MIN	64	64	68	72	70	70	71	72	70	71	65	61	69	71	70	70	73	69	70	70	71	71	71	70	68	51	55	49	55	59	58	66.4
MADISONVILLE 1 SE	MAX	87	85	91	93	92	93	93	93	91	90	83	85	86	87	90	90	92	93	94	95	93	96	96	96	94	83	77	79	82	84	84	89.3
	MIN	67	61	66	72	70	71	73	70	72	72	62	56	65	70	69	72	74	69	71	71	71	72	71	72	69	54	49	47	50	53	52	65.6
MAYFIELD RADIO WNGO	MAX	90	89		94	97	98	96	95	94			86	86	90	91	92	93		95	98	98	97	99	97	92	85	81	82	84	84	81	91.3
	MIN	67	64		68	70	70	71	68	68		63	64	68	74	70	71	71		70	71	70	71	70	71	68	52	52	48	52	57	56	65.5
MURRAY	MAX	86	76	81	88	90	90	91	90	91	90	89	79	83	85	87	89	89	92	92	95	94	94	94	96	95	86	82	77	80	81	85	87.6
	MIN	73	67	69	72	72	72	72	72	73	73	66	61	64	71	72	72	74	72	73	73	73	73	74	73	72	58	56	53	56	59	60	68.4
OWENSBORO 2 W	MAX	86	85	92	92	93	94	92	93	91	87	83	86	86	85	90	90	94	93	94	95	97	96	96	95	88	81	80	84	84	86	85	89.5
	MIN	69	60	66	70	70	71	72	71	72	73	61	59	67	70	70	71	74	71	71	71	71	72	72	73	69	58	53	53	56	55	53	66.6
PADUCAH FAA AIRPORT	MAX	77	81	93	93	92	94	93	92	91	88	79	80	85	85	86	90	92	91	92	93	91	92	94	93	83	82	76	79	77	83	75	86.8
	MIN	67	66	69	74	74	74	73	72	74	70	65	61	70	72	72	72	74	70	75	73	74	74	73	74	62	56	56	50	57	59	61	68.2
PADUCAH	MAX	89	81	93	93	93	94	94	93	93	92	80	81	88	87	87	91	93	93	93	94	94	94	95	95	94	83	81	79	79	85	84	89.2
	MIN	67	66	69	75	72	72	74	72	73	74	63	63	70	72	72	73	76	70	72	73	74	73	73	72	70	54	57	52	60	60	61	68.5
PRINCETON 1 SE	MAX	87	84	90	92	94	93	93	93	93	91	80	84	87	88	90	90	93	93	94	94	96	96	97	97	93	83	79	81	81	86	84	89.5
	MIN	67	62	68	73	72	72	74	70	72	72	64	59	69	70	72	71	75	69	73	73	74	73	72	72	69	57	51	48	54	56	56	67.1
ROCHESTER LOCK 3	MAX	88	79	85	88	92	92	93	92	90	90	88	78	82	84	85	88	89	91	93	94	93	93	95	95	95	85	75	74	77	79	82	87.2
	MIN	70	62	64	70	70	72	74	71	72	73	65	58	58	70	71	70	72	71	71	72	72	74	72	74	71	55	51	47	50	53	52	66.0
RUSSELLVILLE	MAX	89	81	85	92	92	93	93	92	93	90	90	81	85	85	86	89	89	93	93	95	93	95	96	98	96	88	82	77	81	83	85	89.0
	MIN	72	62	66	70	72	72	73	70	73	74	65	56	63	71	71	71	72	70	71	72	72	71	72	72	71	53	49	45	52	56	51	66.1
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	83	82	80	91	92	91	93	91	91	80	77	77	77	84	87	90	88	91	93	93	93	93	93	93	91	77	73	77	79	81	84	86.0
	MIN	69	60	62	70	71	71	70	67	70	67	60	54	65	68	70	75	70	71	72	72	71	71	73	73	65	54	47	51	49	52	56	65.0
BARDSTOWN S J PREP SCH	MAX	86	85	86	94	93	93	93	93	93	85	84	79	80	85	89	90	91	92	94	95	95	95	94	95	94	84	75	77	78	83	84	88.2
	MIN	70	61	63	71	72	72	75	68	72	71	61	53	66	68	69	73	75	72	72	73	70	72	72	74	75	56	48	46	46	52	51	65.8
BARREN RIVER RESERVOIR	MAX	90	83	87	93	95	97	97	95	97	95	90	81	86	86	87	90	90	93	95	98	97	98	97	100	97	90	80	76	81	81	85	90.5
	MIN	70	66	65	65	66	72	74	71	71	71	68	60	59	61	70	72	72	72	73	74	73	71	72	73	69	54	50	50	54	53	53	65.9
BOWLING GREEN FAA AP	MAX	81	84	92	94	94	94	94	94	94	95	82	85	84	86	89	91	94	94	98	95	94	96	98	97	88	81	76	80	81	83	85	89.5
	MIN	68	65	68	71	72	72	73	72	71	71	64	59	70	73	72	70	74	72	74	74	73	74	73	74	60	55	52	50	53	56	54	67.1
BRADFORDSVILLE	MAX	87	81	85	90	90	93	94	92	95	92	88	78	82	79	85	88	90	93	95	95	95	94	97	93	96	88	77	75	80	83	80	88.1
	MIN	71	63	61	70	68	69	69	67	69	70	63	51	62	68	68	69	75	69	69	71	69	69	70	70	65	61	43	41	44	50	51	63.7
CAMPBELLSVILLE 2 SSW	MAX	86	84	91	91	94	94	94	92	93	89	76	82	83	84	89	90	92	93	95	96	95	95	95	95	95	86	74	79	81	84	83	88.7
	MIN	72	64	69	71	71	70	72	70	68	68	63	55	65	64	70	72	73	73	71	74	71	71	73	72	69	56	48	49	50	55	54	65.9
CECILIA	MAX	89	84	87	91	92	94	93	95	94	90	81	83	84	86	89	90	92	93	95	94	95	95	96	95	94	81	75	79	81	85	85	88.9
	MIN	69	56	61	66	69	69	68	66	71	71	61	52	65	66	67	67	72	69	68	70	67	69	69	70	67	54	46	45	47	50	51	63.2
CLERMONT 1 SSE	MAX	88	86	86	92	93	94	94	92	92	86	84	80	81	86	89	92	92	93	95	98	95	96	94	96	95	85	77	79	80	82	84	88.9
	MIN	70	59	61	69	69	70	71	67	70	71	61	52	63	67	78	70	75	70	70	72	69	70	71	72	67	55	47	47	46	50	54	64.6
GLASGOW WKAY	MAX	88	85	93	92	94	94	92	94	95	90	80	85	84	85	89	91	93	94	96	94	94	96	96	97	93	82	76	80	81	85	85	89.5
	MIN	73	63	63	65	70	71	72	71	68	71	65	58	70	70	70	71	74	73	72	74	72	72	73	73	69	55	49	51	53	54	55	66.5
GREENSBURG	MAX	91	81	87	93	94	95	96	95	98	94	90	82	85	83	87	90	92	94	96	98	95	98	98	98	98	90	81	77	82	84	87	90.6
	MIN	71	65	65	68	70	70	72	70	71	71	66	56	56	70	69	70	72	72	72	73	72	73	73	74	69	56	49	47	49	50	54	65.6
HODGENVILLE-LINCOLN NP	MAX	88	84	88	91	92	93	92	93	94	93	89	79	81	84	87	91	92	94	96	95	97	95	93	97	95	87	76	77	80	85	88	89.2
	MIN	67	59	61	68	68	68	69	66	65	69	60	52	64	66	66	66	66	69	69	64	66	68	69	69	64	53	45	45	45	50	52	62.2
IRVINGTON	MAX	84	83	82	90	92	92	91	91	90	85	82	79	80	84	88	89	90	90	93	93	94	94	95	94	93	78	74	78	79	82	83	86.8
	MIN	69	59	64	71	71	74	73	69	72	71	61	57	66	69	71	71	74	72	73	74	70	73	73	73	70	59	51	50	51	51	56	66.4
LEITCHFIELD 2 N	MAX	84	83	90	93	94	95	93	95	91	88	88	83	82	87	87	91	92	94	95	94	96	97	97	95	92	84	76	78	79	83	85	89.1
	MIN	71	59	65	70	71	73	74	69	72	73	64	54	66	66	70	69	76	72	71	74	70	72	72	74	72	55	48	47	47	52	51	65.8
LOUISVILLE	MAX	83	85	83	94	95	96	97	96	95	85	80	81	81	86	92	94	94	95	98	97	98	98	99	99	97	85	75	78	79	82	86	89.8
	MIN	62	66	65	72	75	76	78	72	76	72	71	62	71	72	61	74	77	76	78	78	77	76	79	79	74	62	55	57	57	60	61	70.0
LOUISVILLE WB AP	MAX	81	85	81	93	94	94	93	92	93	85	78	79	78	85	90	92	92	93	95	95	94	95	95	96	84	76	73	79	80	82	85	87.3
	MIN	68	62	66	72	73	75	73	71	74	71	63	59	69	70	73	73	78	74	75	75	72	76	76	77	68	60	54	55	54	59	58	68.5
MAMMOTH CAVE PARK	MAX	85	90	89	92	92	93	93	94	93	90	80	83	83	84	86	89	92	92	94	92	94	93	95	95	95	83	78	79	81	84	85	88.6
	MIN	70	60	61	69	72	70	71	69	68	71	64	52	58	63	69	69	71	71	69	72	69	65	71	71	66	51	47	43	49	51	50	63.6

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NOLIN RIVER RESERVOIR	MAX	85	78	85	89	93	94	94	94	95	90	89	81	83	83	86	87	90	94	95	97	95	96	96	97	97	87	80	89	80	82	84	89.2
	MIN	69	59	59	65	71	72	72	71	69	68	66	57	70	71	72	70	68	72	71	74	72	72	72	72	67	54	51	54	50	54	53	65.7
ROUGH RIVER DAM	MAX	88	78	85	88	93	97	95	93	94	90	87	80	85	82	86	90	91	93	95	96	95	96	96	93	95	86	80	77	81	82	86	88.8
	MIN	69	58	59	67	70	70	71	68	69	72	62	54	55	67	69	70	70	70	70	70	70	71	70	71	68	54	47	47	46	47	53	63.7
SCOTTSVILLE 3 SSW	MAX	86	86	90	92	93	94	94	95	94	90	81	85	83	87	87	90	93	96	97	93	93	91	96	98	93	81	76	79	79	85	85	89.1
	MIN	73	67	68	71	71	70	71	72	69	73	67	59	70	72	70	70	73	73	74	73	73	75	75	74	70	57	53	53	55	56	58	67.9
SUMMER SHADE	MAX	85	87	90	91	92	93	93	94	93	87	79	83	81	83	86	89	91	93	94	92	93	94	95	94	92	85	74	79	80	82	82	87.9
	MIN	68	67	65	69	70	69	69	70	69	69	65	57	68	70	67	70	72	70	70	73	70	70	71	71	67	52	47	48	50	52	53	65.1
WOLF CREEK DAM	MAX	88	84	88	91	94	94	94	94	96	94	88	81	85	84	88	89	92	94	94	96	94	96	97	97	97	90	81	77	83	84	87	90.0
	MIN	66	68	63	66	67	67	67	68	69	69	67	54	62	67	66	66	64	66	68	68	70	68	69	69	65	51	46	46	48	51	50	62.9
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	79	84	88	92	92	92	89	93	94	88	79	79	83	88	91	88	90	91	92	93	92	93	95	89	86	79	78	81	80	83	84	87.3
	MIN	72	67	65	68	76	74	72	72	74	72	64	65	71	69	70	70	70	71	73	72	79	73	73	74	71	59	58	61	60	63	62	69.0
CARROLLTON LOCK 1	MAX	81	82	81	89	91	92	92	90	89	83	76	76	77	82	85	89	90	90	92	93	93	92	93	93	92	76	76	75	77	79	82	85.4
	MIN	72	61	64	70	70	73	73	69	71	72	61	53	65	71	69	72	72	71	72	71	76	70	72	71	68	56	49	49	48	52	53	65.7
COVINGTON WB AIRPORT	MAX	82	82	80	87	91	91	90	90	90	84	76	77	77	81	85	88	88	91	92	93	93	91	94	94	83	73	73	77	78	81	84	85.0
	MIN	64	60	65	70	70	74	72	69	71	67	59	55	62	70	67	72	72	72	72	73	71	71	73	74	64	55	52	51	51	56	57	65.3
CYNTHIANA 2	MAX	84	82	85	85	88	92	92	91	92	90	81	77	81	79	86	84	86	90	91	94	93	95	94	94	93	83	74	73	78	80	82	86.2
	MIN	62	60	62	70	66	69	71	66	70	70	60	50	62	69	67	70	68	68	70	71	68	66	70	70	66	53	45	47	43	49	51	62.9
DANVILLE	MAX	83	79	84	88	92	92	92	92	93	83	80	78	81	80	82	87	90	92	93	94	93	94	93	94	93	87	76	73	78	80	84	86.3
	MIN	68	64	64	66	69	72	72	70	70	72	62	54	54	68	69	69	71	72	71	71	71	70	70	72	72	58	49	49	49	49	53	64.8
DIX DAM	MAX	80	82	83	90	92	92	92	92	93	96	79	80	78	81	86	88	90	93	93	93	93	93	93	94	88	84	74	76	80	82	82	86.8
	MIN	70	63	63	70	71	71	72	68	72	71	60	53	63	69	68	70	72	73	72	72	72	70	73	73	72	57	48	49	50	53	55	65.6
FALMOUTH 5 WNW	MAX	83	83	82	90	92	91	91	89	89	84	75	79	78	85	83	90	89	91	94	93	95	93	93	93	88	78	73	76	78	80	83	85.8
	MIN	70	59	60	66	67	69	70	67	67	70	58	50	62	69	68	69	74	68	70	70	68	66	70	70	66	50	43	44	43	46	49	62.3
FARMERS 1 WNW	MAX	81	85	87	86	91	92	91	92	90	82	77	80	80	85	86	89	90	92	93	92	94	93	93	92	84	76	72	76	79	81	83	85.9
	MIN	69	66	63	68	69	69	71	71	68	67	60	51	60	67	70	67	70	71	69	70	70	70	71	72	64	53	47	46	43	49	54	63.8
FLEMINGSBURG 1 SW	MAX	79	82	85	84	90	90	90	88	88	83	73	78	77	82	83	88	88	90	91	91	93	92	92	91	83	73	71	75	77	80	83	84.2
	MIN	70	64	62	70	68	70	70	68	69	68	58	53	62	69	67	71	74	70	70	73	70	68	71	70	65	53	47	49	48	53	57	64.5
FRANKFORT LOCK 4	MAX	83	80	85	84	90	93	93	93	93	93	80	78	80	78	87	88	90	92	94	94	94	95	94	96	94	85	75	73	78	79	82	86.9
	MIN	70	62	64	65	71	71	72	68	69	71	63	54	56	67	69	70	72	72	71	72	70	70	71	72	69	57	49	49	47	51	52	64.7
LEXINGTON WB AIRPORT	MAX	79	82	83	87	90	90	91	90	92	78	75	79	78	84	85	87	88	90	92	91	92	92	93	92	83	73	72	77	81	82	81	84.8
	MIN	67	63	66	73	71	72	72	69	72	69	60	55	68	70	70	72	74	72	74	73	71	71	74	72	64	54	49	52	49	54	57	66.1
MAYSVILLE SEWAGE PLANT	MAX	83	84	85	85	87	92	92	91	90	91	85	77	80	79	85	85	90	90	91	94	94	95	93	94	94	85	74	74	77	80	81	86.4
	MIN	70	63	66	68	68	68	73	69	70	71	58	52	54	64	69	70	72	71	71	71	72	70	73	72	67	56	49	49	50	48	51	64.4
MOUNT STERLING	MAX	77	83	86	85	92	92	91	92	91	89	77	79	78	83	83	89	90	92	93	92	94	92	92	89	86	84	74	76	78	81	83	85.9
	MIN	70	66	65	72	70	72	74	69	74	70	59	54	64	68	69	72	74	72	72	74	72	69	73	74	68	56	49	49	49	54	56	66.1
OWENTON 2 S	MAX	81	83	83	91	92	91	91	91	90	80	83	80	80	82	85	88	90	90	92	93	94	94	94	94	85	88	75	79	81	84	84	86.5
	MIN	69	57	59	66	66	68	67	66	68	66	56	51	60	67	65	67	65	65	67	67	66	67	69	73	73	51	47	50	46	51	53	62.2
RICHMOND	MAX	82	79	83	88	91	92	92	91	92	92	79	76	80	78	81	87	89	90	92	93	93	95	94	95	92	87	76	73	76	80	82	86.1
	MIN	70	65	64	68	70	70	71	68	72	71	62	55	59	69	68	70	72	69	71	72	70	69	73	73	68	58	48	48	51	55	56	65.3
SHELBYVILLE	MAX	82	80	83	80	90	92	90	91	90	91	81	75	78	78	86	85	88	90	92	93	92	93	96	94	94	83	73	72	76	79	80	85.4
	MIN	69	60	60	64	70	70	71	67	67	70	61	54	54	65	68	69	70	71	71	73	70	69	72	72	69	56	49	50	50	51	54	64.1
WARSAW MARKLAND DAM	MAX	81	82	83	81	91	92	93	91	92	89	83	74	80	76	86	88	90	90	90	93	93	94	93	93	92	82	72	72	78	78	81	85.6
	MIN	67	62	62	64	68	69	70	70	70	70	63	54	53	66	68	69	72	70	70	70	70	70	70	72	68	57	50	48	47	47	55	63.9
WAYNESBURG 7 NE	MAX	80	83	86	90	90	91	89	91	90	84	76	81	78	83	86	89	90	91	92	92	92	93	94	92	85	74	70	75	79	81	81	85.4
	MIN	68	66	64	70	69	70	70	68	70	68	63	53	62	70	67	70	70	67	69	71	69	69	67	63	65	57	47	49	54	54	55	64.3
WILLIAMSTOWN 3 NW	MAX	82	82	81	90	90	90	90	87	88	84	75	77	77	84	85	89	89	90	92	92	93	92	92	91	88	73	72	74	77	80	83	84.8
	MIN	70	62	65	70	69	73	70	68	69	70	57	54	63	69	69	71	72	71	74	73	72	73	74	74	69	53	48	52	50	54	59	65.7
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	87	81	85	88	84	92	94	93	90	89	89	77	80	80	81	88	91	91	92	94	94	95	94	94	94	87	75	74	77	78	81	86.7
	MIN	67	66	47	52	52	54	69		65	69	60	50	51	62	67	70	69	69	66	69	70	73	72	72	65	54	48	48	46	46	51	60.6
BARBOURVILLE	MAX	87	84	88	90	87	93	93	92	93	92	87	77	86	82	87	85	91	92	95	96	92	92	95	95	94	88	77	72	79	80	82	87.8
	MIN	67	68	66	66	65	65	70	70	70	69	67	54	54	67	70	69	68	67	67	67	70	70	70	72	64	57	48	45	44	47	50	63.3
BAXTER	MAX	87	78	85	89	88	92	93	91	92	91	84	72	84	85	85	87	90	90	92	95	92	93	95	95	93	88	77	71	77	79	81	86.8
	MIN	67	66	65	66	66	65	70	70	68	69	68	57	57	65	70	69	69	69	65	70	70	70	69	71	65	56	50	47	46	47	49	63.6
BLAINE 2 W	MAX	85	80	87	92	85	92	93	92	92	88	81	75	78	75	83	87	90	90	92	94	92	95	94	94	93	85	74	70	76	78	80	85.9
	MIN	63	63	62	62	68	67	66	66	67	67	62	45	48	60	65	66	67	66	66	65	67	70	70	70	62	56	48	45	43	42	48	60.7
CUMBERLAND	MAX	78	87	90	85	92	93	92	93	91	85	75	88	87	86	85	90	92	95	97	93	94	98	94	92	89	77	73	79	82	84	84	87.7
	MIN	54	66	65	62	65	67	68	68	68	68	64	54	63	67	64	66	66	65	69	69	69	67	69	69	63	54	48	43	45	47	48	61.9
DEWEY DAM	MAX	87	80	86	90	90	93	95	93	92	92	85	78	83	80	82	86	90	92	91	92	93	95	93	94	97	88	86	75	77	79	81	87.6
	MIN	58	65	65	65	70	68	72	70	73	70	64	52	52	62	68	67	69	65	65	67	73	75	74	73	64	55	51	49	48	48	50	63.5
GRAYSON 3 SE	MAX	86	80	86	88	85	92	93	93	92	90	85	74	80	83	84	90	90	92	93	95	94	95	95	95	95	86	75	71	73	78	80	86.7
	MIN	67	67	63	64	70	68	70	65	68	67	59	51	52	63	67	63	70	71	66	68	69	70	70	71	64	53	47	45	43	45	50	62.1
HEIDELBERG LOCK 14	MAX	80	85	88	90	88	92	92	90	91	91	77	80	83	85	83	89	90	92	93	95	92	94	93	94	85	86	74	75	78	78	80	86.5
	MIN	65	68	64	70	65	68	69	67	70	69	64	53	63	70	68	68	68	67	71	71	70	68	71	72	64	56	49	47	46	51	53	64.0
HINDMAN 11 NNE	MAX	88	84	86	91	88	91	92	91	91	92	88	90	82	82	83	86	90	90	91	94	92	93	94	94	92	89	76	71	75	79	80	87.3
	MIN	61	68	62	64	65	65	67	62	63	60	58	52	51	60	64	65	67	66	65	66	68	68	68	68	63	54	52	47	46	48	50	60.7
HYDEN	MAX	87	82	90	90	91	92	94	92	94	91	87		84	85	88	89	90	92	93	94	93	93	94	95	94	88	76	73	77	79	86	88.4
	MIN	66	65	64	64	65	65	69	69	69	69	65		59	64	69	69	68	66	66	69	68	68	68	67	64	58	53	47	47	49	53	63.4
JACKSON	MAX	87	85	87	89	89	90	92	92	91	90	84	77	81	83	84	86	90	92	93	94	93	94	94	95	95	87	75	72	76	79	80	87.0
	MIN	65	66	65	65	65	66	70	68	68	68	63	52	54	64	66	66	68	67	66	67	68	70	69	68	64	57	50	47	46	47	47	62.3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	80	85	89	88	93	92	92	92	91	85	77	83	80	85	86	88	90	90	93	93	92	93	93	93	86	76	70	75	79	79	80	86.1
	MIN	70	68	65	71	66	69	69	72	71	70	60	54	66	71	70	68	69	67	68	70	71	66	70	68	61	55	50	49	49	52	57	64.6
MANCHESTER 4 SE	MAX	82	84	88	85	90	90	91	92	90	89	75	82	86	85	87	89	90	93	94	92	92	94	95	93	87	82	72	75	79	81	81	86.6
	MIN	65	79	64	69	65	68	68	71	70	70	64	52	63	69	68	68	66	66	70	70	72	68	69	68	64	55	49	46	46	50	53	64.0
MC KEE	MAX	84	80	85	89	89	89	92	91	92	92	82	76	82	79	80	87	88	90	92	93	92	92	94	93	82	73	70	74	74	78	80	85.0
	MIN	65	67	64	64	65	66	68	67	68	68	64	49	50	65	66	68	69	65	66	68	69	64	64	69	53	46	43	43	43	45	48	60.6
MIDDLESBORO	MAX																																
	MIN																																
MONTICELLO	MAX	84	86	90	92	93	93	93	96	95	90	79	84	81	87	87	90	91	95	95	92	95	96	97	97	93	85	75	80	83	84	86	89.2
	MIN	72	68	64	70	69	68	69	70	71	72	66	54	65	71	68	68	71	70	68	71	70	67	70	70	67	52	47	46	47	50	49	64.5
MOUNT VERNON	MAX	79	84	87	90	90	90	90	91	90	91	78	82	82	85	87	89	90	91	92	92	92	93	93	92	86	85	74	76	80	81	81	86.5
	MIN	71	67	67	70	70	71	70	69	71	70	63	53	63	71	66	70	72	68	68	74	69	65	71	70	67	54	46	47	51	55	59	65.1
PIKEVILLE	MAX	82	89	92	85	94	95	95	94	95	88	81	84	84	82	86	93	94	95	96	95	96	96	96	93	91	82	75	81	82	85	85	89.1
	MIN	67	69	67	67	67	72	71	69	71	71	65	54	64	68	68	70	69	65	65	72	74	73	74	73	65	59	54	48	49	53	52	65.3
SOMERSET 2 N	MAX	83	86	89	91	92	92	93	96	92	96	77	82	82	86	87	90	92	94	96	94	92	93	93	94	88	82	73	77	79	81	83	87.9
	MIN	67	68	62	72	69	66	68	68	69	66	63	55	62	68	65	67	67	66	66	60	68	66	70	69	66	53	50	50	48	53	53	63.2
STEARNS	MAX	85	85	83	88	86	89	91	90	92	91	82	79	83	80	83	84	87	89	90	90	91	91	93	94	90	88	78	71	78	79		86.0
	MIN	68	64	68	67	65	68	70	71	69	70	65	54	56	58	69	69	69	70	68	65	68	62	69	71	63	56	48	47	49	51		63.6
TOMAHAWK 1 WSW	MAX	86	85	88	87	84	92	91	92	90	90		82	81	76	82	85	86	90	91	91	92	91	92	93	91	86	75	71	70	77	78	85.5
	MIN	60	69	64	65	69	69	67	59	68	63		49	56	56	57	63	61	63	59	65	68	68	69	68	61	55	48	44	41	41	47	59.7
VANCEBURG	MAX	80	81	82	83	91	92	92	89	89	82	73	78	79	80	82	88	88	88	92	91	95	93	94	93	82	91	73	73	76	78	80	84.8
	MIN	66	61	59	66	65	66	67	63	67	66	54	49	59	66	65	65	69	67	65	67	66	65	69	64	62	50	45	49	44	46	46	60.6
WEST LIBERTY	MAX	85	80	85	88	87	91	93	93	92	90	84	77	81	80	81	85	90	90	93	94	93	94	94	94	92	86	75	74	78	80	82	86.5
	MIN	60	65	61	61	65	66	66	65	65	65	60	47	47	61	66	65	65	65	64	64	67	67	68	68	60	52	44	42	41	41	48	59.4
WILLIAMSBURG 1 E	MAX	84	86	89	87	91	91	92	91	92	89	87	86	85	83	84	90	92	93	92	92	95	92	91	89	88	77	79	79	82	81	79	87.4
	MIN	72	68	64	71	69	69	70	70	70	66	66	56	69	70	74	70	70	69	71	72	69	72	72	65	56	50	46	49	51	55	59	65.2

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	-	-	.22	.18	.26	.23	.20	.26	.20	.28	.09	-	-	-	.19	.23	.25	.24	.30	.31	.13	.05	.27	.32	.31	.30	.26	.09	.24	.16	.24	6.938
	WIND	68	12	1	20	29	16	20	23	17	42	33	21	14	29	19	59	69	35	17	38	21	3	17	5	37	20	24	37	53	13	12	824
	MAX	90	90	95	95	100	98	100	100	100	100	92	93	98	92	96	98	97	98	101	104	101	95	105	100	101	92	90	85	83	83	92	95.6
	MIN	68	63	69	70	78	78	79	78	79	75	59	62	61	71	71	73	73	75	74	75	75	77	77	78	73	63	58	51	55	58	62	69.6
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.09	.41	.22	.22	.36	.25	.32	.32	.17	.19	.19	.41	.22	.10	*	.32	.19	.32	.32	.22	.32	.29	.29	.24	.25	.35	.22	.29	.26	.32	.26	7.93
	WIND	67	23	15	20	30	24	20	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WOLF CREEK DAM	EVAP	.17	.10	.13	.27	.20	.21	.18	.24	.21	.11	-	.26	.17	.07	.10	.13	.11	.13	.34	.20	.19	.20	.20	.40	.22	.26	.28	.19	.21	.17	.18	6.028
	WIND	24	11	7	8	12	7	8	11	11	21	21	15	9	15	11	12	16	15	10	10	9	9	8	10	13	21	25	27	20	9	9	414
	MAX	87	87	95	97	101	102	100	100	102	97	91	85	95	85	89	95	85	88	102	103	101	102	102	99	100	96	89	83	86	83	90	94.1
	MIN	73	73	63	73	74	75	75	75	75	75	70	62	63	72	73	72	75	77	78	75	76	76	76	96	72	60	56	54	54	57	58	70.4
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	.15	.04	.28	.14	.21	.20	.30	.24	.20	.22	.35	.30	.22	-	-	.12	.29	.32	.17	.20	.30	.20	.20	.30	*	.45	.25	.20	.26	.22	.23	7.018
	WIND	39	33	21	20	29	18	19	48	16	34	62	61	27	20	20	19	31	45	25	15	25	20	13	34	*	86	58	57	58	31	27	1011
	MAX	84	80	94	90	95	101	101	98	100	90	84	86	90	78	83	91	96	95	99	100	100	99	102	98	-	92	82	79	82	81	85	91.2
	MIN	72	67	67	70	75	75	76	72	72	68	65	59	59	69	71	72	75	74	72	78	77	76	75	78	-	61	53	51	52	55	62	68.3
* * * EASTERN 04																																	
BUCKHORN	EVAP	-	.08	.20	.19	.04	.17	.22	.18	.19	.19	.05	.16	.17	.07	.00	.13	.31	.28	.18	.23	.16	.19	.20	.17	.15	.21	.20	.16	.19	.15	.15	5.148
	WIND	23	31	13	12	9	11	15	19	13	24	32	22	6	9	11	10	19	38	9	13	16	10	12	10	17	24	24	*	40	12	9	513
	MAX	92	86	97	98	84	101	103	100	103	99	88	88	94	85	88	96	97	97	100	104	101	102	104	100	99	92	87	80	87	89	92	94.6
	MIN	73	73	74	73	72	72	78	76	76	75	70	64	63	72	74	74	77	75	75	78	80	79	79	78	72	68	59	58	57	60	62	71.5
DEWEY DAM	EVAP	-	.00	.11	.08	.06	.19	.16	.16	.14	.04	.13	-	-	-	-	-	-	.13	-	-	.11	.15	.18	.09	.05	.09	.22	.10	.15	*	.08	-
	WIND	6	6	7	6	3	6	5	9	5	11	11	21	*	*	12	4	8	10	4	3	6	4	5	3	7	13	12	14	14	9	9	233
	MAX	97	81	91	96	81	98	102	100	100	97	85	85	89	77	81	88	75	96	97	100	98	103	98	98	91	92	91	77	90	85	88	91.0
	MIN	72	74	72	70	73	77	78	76	78	63	70	62	69	68	73	72	69	72	74	78	78	80	78	80	69	69	59	57	56	55	49	70.0

EXTREMES

HIGHEST TEMPERATURE BARREN RIVER RESERVOIR	100	DATE	24
LOWEST TEMPERATURE 3 STATIONS	41	DATE	30+
GREATEST TOTAL PRECIPITATION JACKSON	8.96		
LEAST TOTAL PRECIPITATION MURRAY	.51		
GREATEST 1 DAY PRECIPITATION PARADISE STEAM PLANT R	4.13	DATE	14

DAILY SOIL TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BARDSTOWN S J PREP SCH																																	
4 INCHES	MAX	78	80	82	80	85	87	87	85	87	84	81	81	79	80	80	82	82	85	84	85	85	85	85	85	86	86	79	76	75	76	77	82.2
	MIN	75	72	75	76	78	80	81	79	81	80	76	73	75	76	76	77	79	80	80	81	80	80	81	81	80	76	71	69	69	69	72	76.7
20 INCHES	5 PM	75	74	75	75	75	76	77	76	77	77	77	76	75	75	75	75	81	76	77	82	78	78	78	78	79	78	76	75	74	73	74	76.4
BEREA COLLEGE																																	
4 INCHES	MAX	79	79	79	79	79	79	80	80	81	79	79	78	79	78	79	81	81	82	83	82	82	82	82	81	81	79	76	74	73	75	76	79.3
	MIN	74	74	74	74	74	74	75	76	77	79	78	75	78	74	75	79	80	80	81	79	80	81	80	80	79	74	72	72	71	70	72	76.2
20 INCHES	5 PM	73	73	73	73	73	73	74	75	75	75	75	75	75	75	75	75	76	76	77	77	77	78	78	78	78	78	77	75	73	73	74	75.2
CAMPBELLSVILLE																																	
4 INCHES	MAX	77	82	83	83	85	86	87	84	86	84	86	81	78	81	83	84	82	86	87	86	86	86	86	85	86	82	78	77	76	78	76	82.8
	MIN	76	73	75	76	77	79	80	79	78	73	75	72	75	75	76	76	76	78	79	80	80	80	80	80	79	75	72	70	69	69	70	75.9
20 INCHES	6 PM	73	73	73	74	74	75	75	76	76	75	75	74	75	75	75	75	75	76	76	77	77	76	76	78	77	76	76	75	73	73	73	75.1
CUMBERLAND GAP PARK																																	
4 INCHES	MAX	77	76	78	77	80	88	81	82	80	80	79	82	78	80	80	80	80	80	81	81	81	82	81	81	79	77	81	75	74	74	72	79.3
	MIN	75	74	75	74	75	77	77	78	77	79	77	78	76	76	76	76	76	76	76	76	76	78	79	79	77	74	71	70	70	69	69	75.4
20 INCHES	5 PM	74	73	74	74	74	74	75	75	75	76	76	75	75	75	75	75	76	76	76	76	75	76	76	77	77	76	75	74	74	72	72	74.9
FLEMINGSBURG 1 SW																																	
4 INCHES	MAX	73	80	76	75	77	78	78	77	78	77	76	77	78	75	76	78	78	79	80	81	80	81	80	79	77	76	72	70	71	70	71	76.6
	MIN	72	73	73	73	73	75	76	74	76	75	72	69	72	72	73	74	75	75	76	77	77	77	77	76	74	72	66	66	65	65	67	72.8
20 INCHES	6 PM	72	72	72	72	72	72	72	73	73	73	73	73	73	73	73	73	73	73	73	74	74	74	75	75	75	75	73	73	72	71	71	73.0
GLASGOW WKAY																																	
4 INCHES	MAX	81	81	82	82	84	84	84	85	85	85	82	82	82	81	81	83	83	85	84	85	85	85	86	86	84	80	80	78	78	78	77	82.5
	MIN	77	75	76	77	78	79	79	79	79	79	78	74	74	77	76	78	79	80	78	80	80	79	80	80	80	74	72	71	71	71	71	76.8
20 INCHES	6 PM	74	74	74	75	75	75	76	75	76	76	76	75	75	75	75	75	75	76	76	76	77	77	77	77	77	76	75	74	74	74	73	75.3
GREENVILLE 2 W																																	
4 INCHES	MAX	81	82	-	84	85	86	87	88	85	84	84	84	85	82	83	84	84	86	86	87	86	88	88	89	87	87	84	81	80	81	83	84.7
	MIN	77	75	-	77	80	82	82	82	82	81	78	76	79	79	79	80	80	81	81	82	82	83	83	83	80	76	74	71	71	72	73	78.7
20 INCHES	5 PM	75	75	-	75	75	76	76	76	76	76	76	76	75	75	76	76	76	76	77	77	78	77	78	78	78	77	77	76	76	74	74	76.1
HENDERSON 7 SSW																																	
4 INCHES	MAX	80	79	81	81	82	83	84	84	84	84	83	82	80	80	81	82	83	83	83	83	83	84	83	85	86	83	80	79	78	77	77	81.8
	MIN	79	78	78	80	81	82	83	82	83	83	81	80	78	79	80	81	81	82	82	82	82	82	82	83	82	78	76	74	74	74	74	79.9
20 INCHES	6 PM	75	75	75	75	75	76	76	76	76	76	76	76	75	75	75	75	76	76	76	76	77	77	77	77	77	77	76	75	74	74	74	75.7
IRVINGTON																																	
4 INCHES	MAX	80	80	81	81	84	85	85	85	85	85	82	82	82	80	82	82	83	84	85	86	87	88	87	67	88	86	82	79	84	79	80	83.4
	MIN	79	76	79	79	78	81	82	82	82	82	79	76	78	78	79	80	80	81	82	82	82	83	83	83	83	78	75	73	73	73	74	79.2
20 INCHES	6 PM	74	74	73	74	74	74	74	74	75	75	75	74	75	74	74	74	74	74	74	75	75	75	75	76	76	76	75	74	74	73	73	74.4
LEXINGTON CAMPUS FARM																																	
BARE GROUND																																	
1 INCH	MAX	82	93	89	89	96	98	98	97	98	82	83	87	77	91	89	90	91	91	94	96	96	96	95	91	91	82	82	85	87	89	84	90.0
	MIN	70	67	68	72	73	73	74	73	74	72	64	60	69	71	71	72	73	74	74	75	74	73	73	75	71	66	60	60	60	63	64	69.6
2 INCHES	MAX	80	89	86	87	93	95	94	94	93	81	81	84	76	88	86	88	89	90	92	93	94	93	93	88	89	81	80	83	83	86	83	87.5
	MIN	71	68	69	73	73	74	75	73	75	73	66	61	69	71	71	73	74	74	75	75	75	74	76	77	73	67	61	61	61	64	65	70.5
4 INCHES	MAX	78	84	81	82	88	89	89	88	88	80	78	79	74	82	83	84	85	86	88	88	89	89	89	85	86	79	77	78	79	81	79	83.4
	MIN	73	70	71	74	74	76	77	75	78	74	69	65	70	72	72	74	75	76	76	77	77	77	78	78	76	71	66	65	65	67	68	72.8
8 INCHES	MAX	75	78	77	79	82	83	83	82	82	78	76	75	73	77	79	80	81	82	83	84	84	84	85	83	82	78	75	75	75	76	76	79.4
	MIN	73	72	73	74	76	77	78	77	78	76	72	69	72	72	73	75	76	77	78	78	78	78	79	79	77	75	70	69	69	70	70	74.5
SOD																																	
1 INCH	MAX	77	81	80	81	84	84	84	87	85	79	79	80	76	81	81	83	83	85	85	86	86	86	85	84	82	77	74	75	75	77	76	81.2
	MIN	74	72	73	75	74	76	77	76	78	76	72	70	73	72	74	75	76	76	77	78	77	77	78	78	75	72	68	67	66	67	68	73.8
2 INCHES	MAX	76	80	79	80	83	83	83	86	84	78	78	79	76	80	81	82	83	84	85	84	85	85	84	83	81	76	73	74	74	76	74	80.3
	MIN	74	72	73	75	76	76	77	76	77	77	73	71	73	72	74	76	77	77	78	78	78	77	78	78	76	73	69	68	67	68	68	74.3
4 INCHES	MAX	76	79	78	79	81	81	82	84	82	78	77	75	75	79	79	81	81	82	83	83	83	83	83	81	81	77	74	73	72	74	73	79.0
	MIN	74	73	74	75	76	77	77	77	78	77	75	72	73	73	74	76	77	77	78	78	78	78	78	78	77	74	70	69	68	69	69	74.8
8 INCHES	MAX	75	75	76	77	78	79	79	80	80	78	77	75	74	76	77	78	79	80	80	81	81	81	81	80	80	78	75	73	72	73	73	77.5
	MIN	74	73	74	75	76	77	77	77	78	77	75	74	74	73	74	76	77	78	78	79	79	78	79	79	78	75	73	71	71	71	71	75.5
20 INCHES	7 PM	74	73	74	75	74	75	75	75	76	76	75	74	74	74	74	75	75	75	76	77	77	77	77	78	77	76	75	74	72	72	72	74.9
40 INCHES	7 PM	71	71	71	71	71	71	71	71	71	72	72	71	71	72	72	72	72	72	72	72	73	72	73	73	73	73	73	73	72	72	72	71.9
MAYFIELD RADIO WNGO																																	
4 INCHES	MAX	81	82	-	85	87	85	86	86	86	-	85	-	84	84	85	83	85	-	85	86	85	87	87	88	87	83	80	81	79	79	-	84.3
	MIN	79	78	-	80	83	82	82	82	82	-	80	-	78	79	80	76	81	-	82	82	82	81	84	84	-	78	79	73	72	72	-	79.6
20 INCHES	5 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	79	80	80	-	-	80	81	80	80	-	-	-	80	79	78	78	79	-	-

See Reference Notes Following Station Index

CONTINUED

DAILY SOIL TEMPERATURES

KENTUCKY
AUGUST 1968

Station			Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
PRINCETON 1 SE																																		
	4 INCHES	MAX	85	78	82	82	83	84	84	84	84	82	81	78	78	78	80	82	80	82	83	83	83	83	84	84	84	82	79	78	77	77	77	81.3
		MIN	76	75	77	78	79	80	80	80	80	80	77	75	77	77	78	78	79	79	79	79	80	80	80	80	79	75	72	72	72	71	72	77.3
	20 INCHES	5 PM	75	75	75	75	75	76	77	77	77	77	77	76	75	75	75	75	76	76	76	77	77	77	77	78	78	75	76	75	74	74	74	75.9
QUICKSAND																																		
	4 INCHES	MAX	80	83	80	81	79	83	83	82	83	83	80	79	79	78	77	80	82	83	83	83	84	86	85	86	85	84	80	74	75	75	76	81.0
		MIN	74	74	76	78	75	77	82	78	79	79	76	72	74	76	75	77	76	78	78	78	80	83	79	82	79	75	72	69	69	70	71	76.2
	20 INCHES	4 PM	75	75	75	75	75	76	77	77	78	78	77	76	75	75	75	75	76	77	74	78	78	79	79	80	79	78	77	75	75	74	74	76.4
SANDY HOOK 5 NE																																		
	4 INCHES	MAX	80	81	82	83	85	85	85	85	86	83	79	80	80	79	81	83	83	85	85	87	88	89	89	89	85	84	82	78	79	80	80	83.2
		MIN	72	74	75	77	76	78	80	77	80	78	74	71	73	75	76	76	78	78	78	81	81	82	83	83	78	76	72	70	69	71	71	76.2
	20 INCHES	6 PM	75	75	75	75	75	76	76	77	77	77	76	76	75	75	75	75	76	76	77	77	78	78	78	79	78	78	77	76	75	75	75	76.2
SOMERSET 2 N																																		
	1 INCH	MAX	80	84	84	83	86	87	87	87	88	87	80	83	83	81	82	83	-	87	87	87	88	88	86	87	85	85	82	82	78	79	79	84.2
		MIN	75	76	76	77	77	79	80	79	79	78	74	71	75	76	75	77	-	78	79	80	80	80	80	80	79	75	73	71	70	70	70	76.3
	4 INCHES	MAX	-	-	-	-	-	85	84	85	85	86	78	81	81	80	80	82	83	84	85	85	86	86	85	86	84	85	80	80	76	77	76	82.5
		MIN	-	-	-	-	-	79	78	78	79	78	75	72	75	76	75	77	78	78	80	80	80	80	81	80	79	76	73	72	71	70	71	76.6
	20 INCHES	6 PM	76	76	76	77	77	78	79	78	80	79	76	78	77	77	77	78	-	78	79	80	80	80	80	80	80	79	78	77	76	76	76	78.0
WILLIAMSTOWN 3 NW																																		
	4 INCHES	MAX	75	75	75	75	77	78	78	79	78	78	78	78	76	76	77	78	79	79	80	81	82	81	82	82	82	80	77	74	74	74	74	77.8
		MIN	75	73	74	73	75	76	78	77	77	77	75	73	74	75	75	76	78	77	78	79	80	79	80	80	80	75	71	70	70	70	71	75.5
	20 INCHES	6 PM	72	72	72	72	72	72	72	73	73	73	73	73	73	72	72	73	73	73	74	73	74	72	75	75	75	75	74	73	72	72	72	72.9

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN S.J. PREP SCHOOL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN S J PREP SCH	0397	02	NELSON	8	37 48	85 28	631	5P	5P		GH	ST. JOSEPH PREP. SCHOOL
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6R		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 20	390				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTER
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	FRL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	450		6P			JOE RAY ALLEN
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		PHILLIP O. THACKER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6R	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			KENTUCKY UTILITIES
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD D. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			WILLIAM F. BRAMBLETT
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	650	6P	6P		GH	WAYNE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	8A			MORRIS S SHAIN, JR
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	[illegible]
LIBERTY	4755	02	CASEY	3	37 21	84 [illegible]	[illegible]		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 3[illegible]	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	465		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 [illegible]	771				C	HUBERT [illegible]
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 07	1200				C	EDWARD E. MC [illegible]
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	[illegible] G.+E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	[illegible]		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MASON
LUCAS	5[illegible]2	02	BARREN	3	36 53	86 02	[illegible]				C	WILLARD [illegible]
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WE BORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 [illegible]	800	5P	1P		H	NATIONAL PARK SERV
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA [illegible]. WHIT
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY [illegible]
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES [illegible]
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	6A			MRS. WINNIE [illegible]. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. [illegible]
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1[illegible]35	7A	7A		C H	MRS RUTH L [illegible]
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN [illegible]. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY [illegible]
MOUNT STERLING	564[illegible]	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	116	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	625		7A		C	JOE M. [illegible]
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL 2 WNW	6013	04	CARTER	7	38 19	83 12	895				C	GEORGE E. [illegible]
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	[illegible]		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		7A			TVA-764
PIKEVILLE	635[illegible]	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	437	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	98[illegible]	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. [illegible]
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN S. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEER
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 [illegible]	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 [illegible]	920		7A			FORREST C. WILLI
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 [illegible]	755				G	WM C JARRELL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. JOELL F. GEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CR[illegible]H
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. [illegible]. MC MURTREY
TATHAM SPRINGS	7924	02	WASHINGTON	8	37 52	85 09	670				C	CHARLIE S. KAYS
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN [illegible]. CAPR
TILFORD	8019	04	PERRY	4	37 02	83 04	1630		8A			MRS. KATHLEEN M. PETERS
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 4[illegible]	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION [illegible]
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 2[illegible]	82 49	880				C	JAMES D. BRADLEY
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. MELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C R SMITH Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
SEPTEMBER 1968
Volume 63 No. 9

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	82.6	53.8	68.2		88	24+	41	12	17	0	0	0	0	3.07		1.18	16	.0	0		5	2	1
BEAVER DAM	81.1	54.1	67.6		88	23+	42	28+	27	0	0	0	0	6.37		2.34	5	.0	0		6	4	2
FORDS FERRY DAM 50	80.2	58.8	69.5		90	3	49	27+	10	1	0	0	0	3.15	.12	.93	5	.0	0		5	3	0
GILBERTSVILLE 1 SE	82.2	57.4	69.8		89	3	47	26+	7	0	0	0	0	5.65		1.91	5	.0	0		6	4	3
GOLDEN POND 8 N	81.4	59.6	70.5		89	3	52	26	7	0	0	0	0	3.04		.93	18	.0	0		8	2	0
GREENVILLE 2 W	81.7	54.9	68.3	- 1.8	88	3	45	28+	18	0	0	0	0	2.77	- .17	.78	18	.0	0		6	3	0
HENDERSON 7 SSW	81.1	57.3	69.2	- 1.5	90	3	44	12	9	1	0	0	0	3.69	.71	1.60	4	.0	0		5	2	2
HICKMAN 1 E	82.6	53.8	68.2		90	21+	44	13	14	2	0	0	0	4.15		1.33	16	.0	0		6	3	2
HOPKINSVILLE	82.8	54.2	68.5	- 2.7	89	24+	47	27+	13	0	0	0	0	2.75	- .25	.69	18	.0	0		7	2	0
LOVELACEVILLE	82.0	54.7M	68.4M	- 3.0	89	22+	44	12	10	0	0	0	0	3.30	.22	1.28	16	.0	0		5	4	1
MADISONVILLE 1 SE	82.4	54.2	68.3		89	3	44	12	13	0	0	0	0	3.84		1.54	5	.0	0		5	3	1
MAYFIELD RADIO WNGO	84.0	54.6M	69.3M		90	23	41	13	12	1	0	0	0	4.91		1.65	16	.0	0		6	4	1
MURRAY	79.3	57.2	68.3	- 3.2	87	4	48	26	22	0	0	0	0	3.87	.78	1.07	16	.0	0		8	3	1
OWENSBORO 2 W	83.1	56.1	69.6	- .6	91	3	44	12	5	3	0	0	0	3.17	.12	.80	18	.0	0		6	4	0
PADUCAH FAA AIRPORT	80.5	56.5	68.5		87	22+	46	12	12	0	0	0	0	3.57		1.23	16	.0	0		5	3	1
PADUCAH	82.5	56.9	69.7		89	23	46	12	5	0	0	0	0	3.62	.50	1.20	16	.0	0		6	3	2
PRINCETON 1 SE	82.9	56.4	69.7	- 1.3	89	3	45	12	10	0	0	0	0	3.84	.95	1.73	5	.0	0		6	3	1
ROCHESTER LOCK 3	79.6	54.2	66.9		88	4	46	29+	29	0	0	0	0	3.31		.81	17	.0	0		7	2	0
RUSSELLVILLE	81.2	54.4	67.8	- 2.7	89	4	42	12	27	0	0	0	0	3.28	- .13	1.10	17	.0	0		10	2	1
DIVISION			68.8	- 2.0										3.76	.70			.0					
* * * CENTRAL 02																							
ANCHORAGE	79.8	56.1	68.0	- .4	89	3	46	28+	22	0	0	0	0	2.27	- .74	.76	18	.0	0		5	2	0
BARDSTOWN NAZARETH COL	81.8	55.4	68.6		90	3	45	28	22	1	0	0	0	3.30		1.10	18	.0	0		5	3	1
BARREN RIVER RESERVOIR	81.6	55.1	68.4		89	23	40	30	24	0	0	0	0	2.58		.80	19	.0	0		5	2	0
BOWLING GREEN FAA AP	81.5	55.9	68.7	- 2.7	90	3	45	12	12	1	0	0	0	1.78	- 1.29	.49	17	.0	0		6	0	0
BRADFORDSVILLE	81.9	53.7	67.8		93	4	39	28	37	1	0	0	0	2.26		.73	6	.0	0		5	2	0
CAMPBELLSVILLE 2 SSW	82.5	55.8	69.2		92	3	41	28	21	1	0	0	0	2.50		.82	9	.0	0		6	2	0
CECILIA	81.8	52.4	67.1	- 2.2	91	3	41	28+	38	2	0	0	0	1.73	- 1.01	.79	18	.0	0		6	1	0
CLERMONT 1 SSE	82.5	54.1	68.3		90	3	43	28	23	1	0	0	0	2.68		1.04	18	.0	0		6	2	1
GLASGOW WKAY	81.7	56.4	69.1		91	3	45	12	15	1	0	0	0	3.01		1.01	18	.0	0		6	3	1
GREENSBURG	83.0	54.1	68.6	- 1.1	93	4	45	29+	17	4	0	0	0	2.93	- .25	.81	10	.0	0		6	3	0
HODGENVILLE-LINCOLN NP	82.8	52.8	67.8		91	3	41	30+	32	2	0	0	0	2.44		.70	18+	.0	0		5	2	0
IRVINGTON	81.9	56.0	69.0	- 1.1	90	3	43	28	18	1	0	0	0	3.76	.92	1.04	5	.0	0		7	3	1
LEITCHFIELD 2 N	81.2	54.5	67.9	- 2.5	89	25+	42	28	21	0	0	0	0	2.37	- .60	.62	19	.0	0		7	1	0
LOUISVILLE	83.0	60.4	71.7		91	23+	52	28+	2	5	0	0	0	2.54		.78	18	.0	0		6	2	0
LOUISVILLE WB AP R	79.9	58.0	69.0	- .5	89	3	48	28	10	0	0	0	0	2.61	- .02	.90	18	.0	0		6	2	0
MAMMOTH CAVE PARK	82.4	54.1	68.3		90	3	42	28	24	1	0	0	0	2.22		.80	18	.0	0		4	2	0
NOLIN RIVER RESERVOIR	81.5	56.3	68.9		90	24+	47	29+	21	2	0	0	0	2.98		.91	6	.0	0				0
ROUGH RIVER DAM	80.5	52.9	66.7		89	23+	43	28	39	0	0	0	0	2.50		.71	17	.0	0		6	2	0
SCOTTSVILLE 3 SSW	80.8	58.8	69.8		89	3	49	13+	10	0	0	0	0	4.18		1.08	18	.0	0		7	4	1
SUMMER SHADE	79.7	54.1	66.9		85	23+	43	13+	31	0	0	0	0	2.49		.98	18	.0	0		6	2	0
WOLF CREEK DAM	82.0	54.2	68.1		92	4	43	30	24	1	0	0	0	4.07		2.65	6	.0	0		4	2	1
DIVISION			68.5	- 1.5										2.72	- .31			.0					
* * * BLUE GRASS 03																							
BEREA COLLEGE																							
CARROLLTON LOCK 1	79.6	56.2	67.9		87	4+	44	28	23	0	0	0	0	1.82	- 1.01	.40	6	.0	0		8	0	0
COVINGTON WB AIRPORT R	78.2	56.5	67.4	.2	88	3	45	26	32	0	0	0	0	2.16	- .67	.75	9	.0	0		6	1	0
CYNTHIANA 2	80.2	53.3	66.8		89	23+	40	28	46	0	0	0	0	1.60		.53	17	.0	0		4	1	0
DANVILLE	80.3	55.3	67.8		90	4	47	14+	24	1	0	0	0	2.45	- .62	1.10	6	.0	0		4	2	1
DIX DAM	80.8M	56.3M	68.6M		88	4+	46	28+	24	0	0	0	0	2.75		1.37	6	.0	0		5	2	1
FALMOUTH 5 WNW	80.2	52.6	66.4		89	3	40	28	36	0	0	0	0	2.70	- .21	.67	10	.0	0		7	1	0
FARMERS 1 WNW	79.2	54.8	67.0	- 1.1	89	30	41	28	25	0	0	0	0	1.68	- 1.40	.56	6	.0	0		4	1	0
FLEMINGSBURG 1 SW	78.0	55.1	66.6		89	21	41	28	34	0	0	0	0	1.37		.57	5	.0	0		4	1	0
FRANKFORT LOCK 4	80.0	54.8	67.4	- 2.1	89	23	46	29+	26	0	0	0	0	2.83	.12	.79	19	.0	0		5	2	0
LEXINGTON WB AIRPORT R	77.9	57.6	67.8	- 1.5	87	3	48	28+	20	0	0	0	0	2.98	.18	1.26	5	.0	0		5	3	1
MAYSVILLE SEWAGE PLANT	78.6	56.2	67.4	- .7	89	23+	48	26	19	0	0	0	0	2.80	- .32	1.63	6	.0	0		5	1	1
MOUNT STERLING	80.2	56.5	68.4		89	4	46	28+	16	0	0	0	0	1.81	- 1.17	1.03	5	.0	0		3	1	1
OWENTON 2 S	81.3	53.7	67.5		89	4+	42	28	26	0	0	0	0	3.06		1.17	5	.0	0		7	2	1
RICHMOND	80.0	56.4	68.2		88	24+	46	28+	27	0	0	0	0	2.40		1.40	6	.0	0		4	2	1
SHELBYVILLE	78.6	54.8	66.7	- 3.0	87	4	46	29+	41	0	0	0	0	3.96	1.01	1.36	10	.0	0		5	3	1
WARSAW MARKLAND DAM	78.5	55.1	66.8	- 2.1	88	23	46	27	33	0	0	0	0	2.23	- .64	.82	6	.0	0		7	1	0
WAYNESBURG 7 NE	78.3	55.8	67.1		86	22+	46	13	21	0	0	0	0	1.97		.61	10	.0	0		4	2	0
WILLIAMSTOWN 3 NW	78.9	57.2	68.1	- 1.4	88	3	48	26	17	0	0	0	0	2.09	- 1.02	.77	5	.0	0		5	1	0
DIVISION			67.4	- 2.0										2.37	- .57			.0					
* * * EASTERN 04																							
ASHLAND	79.1	54.3	66.7	- 3.2	88	25+	44	27	33	0	0	0	0	1.73	- 1.08	.51	6	.0	0		5	1	0
BARBOURVILLE	80.9	53.7	67.3		88	4	43	29	18	0	0	0	0	2.62		.73	10	.0	0		6	3	0
BAXTER	78.9	53.2	66.1		86	25+	45	28	29	0	0	0	0	2.04		.52	19	.0	0		7	1	0
BLAINE 2 W	79.4	50.2	64.8		88	24	38	13	58	0	0	0	0	1.22		.35	10	.0	0		5	0	0
CUMBERLAND	80.8	52.7	66.8		90	23	40	29	26	1	0	0	0	1.29		.35	18	.0	0		7	0	0

See Reference Notes Following Station Index

THE LIBRARY OF THE
NOV 19 1968
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CLIMATOLOGICAL DATA

Continued

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY OAM	78.4	55.0	66.7		86	25	48	30+	23	0	0	0	0	.92		.30	5	.0	0		4	0	0
GRAYSON 3 SE	78.6	52.3	65.5		87	25+	41	28	49	0	0	0	0	1.76		.49	19	.0	0		4	0	0
HEIOELBERG LOCK 14 R	79.2	54.9	67.1		86	25+	43	29	30	0	0	0	0	1.99	- .79	.51	19	.0	0		6	1	0
HINOMAN 11 NNE	79.2	52.7	66.0		86	25+	42	29	38	0	0	0	0	1.61		.56	10	.0	0		5	1	0
HYDEN	79.8M	53.6M	66.7M		87	23+	44	30+	29	0	0	0	0	1.23		.36	6	.0	0		3	0	0
JACKSON	79.0	53.9	66.5		86	25+	47	30+	23	0	0	0	0	2.02		.47	10	.0	0		7	0	0
LONOON FAA AP	77.8	54.1	66.0		86	22	42	29	38	0	0	0	0	2.06		.51	19	.0	0		5	2	0
MANCHESTER 4 SE	80.4	53.8	67.1		88	22+	42	29+	22	0	0	0	0	2.28		.81	6	.0	0		6	1	0
MC KEE	77.2	50.1	63.7		85	25+	41	29+	72	0	0	0	0	2.49		.78	6	.0	0		7	1	0
MIOOLESBORO	77.6	53.6	65.6		84	23+	43	27	31	0	0	0	0	2.40		.71	19	.0	0		7	2	0
MONTICELLO	81.7	54.8	68.3		93	3	42	29	21	1	0	0	0	2.60		1.06	6	.0	0		4	2	1
MOUNT VERNON	79.9	56.6	68.3		86	23+	43	13	30	0	0	0	0	2.42		.62	5	.0	0		6	1	0
PIKEVILLE	82.6	56.2	69.4		91	24	47	29	2	3	0	0	0	1.54	- 1.50	.37	10	.0	0		5	0	0
SOMERSET 2 N	80.0	53.4	66.7		87	3	42	29+	36	0	0	0	0	3.01		1.00	6	.0	0		6	2	1
STEARNS	77.0	53.7	65.4		89	9	42	12	54	0	0	0	0	2.87		1.10	6	.0	0		5	3	1
TOMAHAWK 1 WSW	77.4	49.6	63.5		85	25+	40	28+	64	0	0	0	0	2.40		1.35	10	.0	0		7	1	1
VANCEBURG	76.5	51.9	64.2		88	22	38	28	66	0	0	0	0	2.49	- .21	1.25	6	.0	0		4	1	1
WEST LIBERTY	78.9	51.9	65.4		88	24+	45	30+	37	0	0	0	0	2.23		.99	20	.0	0		4	1	0
WILLIAMSBURG 1 E																							
DIVISION			66.3	- 3.1										2.05	- .76			.0					

EXTREMES

HIGHEST TEMPERATURE 3 STATIONS	93	OATE	04+
LOWEST TEMPERATURE 2 STATIONS	38	OATE	28+
GREATEST TOTAL PRECIPITATION BEAVER OAM	6.37		
LEAST TOTAL PRECIPITATION JEREMIAH	.35		
GREATEST 1 DAY PRECIPITATION WOLF CREEK OAM	2.65	OATE	06

DAILY PRECIPITATION

KENTUCKY
SEPTEMBER 1968

Station	Total	Day of Month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	3.07	.04			.32	.02				.03							1.18	.12	.90							.46						.
BEAVER DAM	6.37				.72	2.34	.08			T							.22	2.15	.73							.13						.
CALHOUN LOCK 2	3.45	.21			.57	.78	.15										.03	.40	.74	.10						.40	.07					.
COBB	2.93				.52	.43	T										.20	.68	.82	T						.10	.18					.
DAWSON SPRINGS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
DUNDEE 4 ESE	4.92	.10			.43	1.25	.34											2.05	.60	.08						.07						.
DUNMOR	3.63	.10			.30	.45	.16				T						.08	1.64	.61	.18						.04	.07					.
ELKTON 2 S	3.94	.18			.40	.21	1.02				.17						.09	.91	.72	.20	.02						.02					.
FORDS FERRY DAM 50	3.15	T			.06	.93	.02				T						.15	.83	.75							.34	.07					.
FRANKLIN 1 E	2.85	T			.30	.14	.71				.10						.07	.83	.29	.41							T					.
GILBERTSVILLE 1 SE	5.65	T	T		1.35	1.91	T	T	T	T		T		T	T		1.08	.16	.92	T	T		T	T	T	.21	.02	T	T	T	T	.
GOLDEN POND 8 N	3.04		.02		.29	.22	.18				.17						.43	.68	.93							.12						.
GREENVILLE 2 W	2.77				.52	.62	T			.08	T						.48		.78							.17	.12					.
HARTFORD 6 NW	3.61	.16			.28	.83	.07			.03	T							1.20	.91	.02						.11	T					.
HENDERSON 7 SSW	3.69				1.60	.20											.43	.02	1.06							.38						.
HICKMAN 1 E	4.15				.45	T				.20						T	1.33	.37	1.06							.74	T					.
HOPKINSVILLE	2.75	.08			.16	.48	.41				.02						.14	.54	.69	.06							.17					.
LOVELACEVILLE	3.30				.52												1.28	.12	.88							.50						.
MADISONVILLE 1 SE	3.84	.02			.57	1.54											.09	.37	.97							.23	.05					.
MAYFIELD RADIO WNGO	4.91				.50	.95	.03			T							1.65	.30	.98							.45	.05					.
MURRAY	3.87	.01			.23	.24	.13				.19						1.07	.34	.92							.04	.70					.
OWENSBORO 2 W	3.17	.32			.66	.60											.28		.80							.51						.
OWENSBORO DAM 46	3.10	.20			.47	.71	.10					T						.30	.57	.33						.35	.07					.
PADUCAH FAA AIRPORT	3.57	T			.42	T			T	T						.15	1.23	.09	.70						.08	.90						.
PADUCAH	3.62		.10		.38												1.20	.12	.82							1.00						.
PARADISE STEAM PLANT R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
PRINCETON 1 SE	3.84	.05			.19	1.73				.09							.64	.12	.80							.13	.09					.
ROCHESTER LOCK 3	3.31	.09			.30	.40	.79										.05	.81	.43	.30						.04	.10					.
RUSSELLVILLE	3.28	.12			.14	.12	.50				.31						.10	1.10	.35	.17						.37						.
SEBREE	3.36	.04				.36	1.04										.30	.06	1.05							.51						.
UNIONTOWN DAM 49 //	2.63	.03			.09	.87											.13	.57	.82	T						.12	T					.
• • • CENTRAL 02																																
ADDISON DAM 45 //	4.63	.11			.18	.53	.05				.21	.05						1.65	.25	.90						.60	.10					.
ALBANY 4 N	2.31				.16	.31	.96				.10									.78												.
ANCHORAGE	2.27				.40	.51	.05			.03	.04							.25	.76							.23						.
BARDSTOWN NAZARETH COL	3.30	.05			.37	.08				.90	.50							.25	1.10							.05						.
BARREN RIVER RESERVOIR	2.58	T	.02		.28	.44	.20				.04						T	.75	.05	.80			T									.
BOWLING GREEN	2.15	.05			.07	.15	.20				.23						T	1.00	T	.45							T					.
BOWLING GREEN FAA AP	1.78	.04		T	.22	.11				.28							.26	.49	.37							.01						.
BRADFORDSVILLE	2.26				.28		.73				.37							.28		.60												.
BROWNSVILLE	2.82	.05			.30	.09	.14				.49	T						.73	.02	.97		T				.01	.02					.
BURKESVILLE 2 W	2.62				.40	T	1.25											.20		.77												.
CAMPBELLSVILLE 2 SSW	2.50	T			.28	.12	.27			.82	.04							.46	.51													.
CANEYVILLE	3.46	.32			.68	.24	.86				.07							.67	.15	.39						.08						.
CECILIA	1.73	.10				.14	.08			.05	.03						.11	.18	.79				.01	.15	.09							.
CLERMONT 1 SSE	2.68	.03			.66	.24	.04			.14	.06						.01	.33	1.04							.13						.
EDMONTON	2.16				.38	.12	.40				.15							.35		.76												.
GAMALIEL 1 S	2.20				.37	.07	.52				.08	T					.03	.29	T	.84		T										.
GLASGOW	3.73				.38	.29	.19				1.30						.04	.60		.93												.
GLASGOW WKAY	3.01				.45	.14	.12			.70							.09	.50	1.01								T					.
GLENDALE 1 E	2.13		.10		.33	.40	.12				.15	.04						.28		.59					.12							.
GREENSBURG	2.93				.23	.22	.68				.81							.35	.04	.60												.
GREENSBURG HIWAY 61	3.37				.19	.27	1.01				1.03							.29	.03	.55												.
HODGENVILLE-LINCOLN NP	2.44	.02			.41	.22	.07				.70	.04					T	.23	.70							.05						.
IRVINGTON	3.76	.18			.89	1.04	.09			T	.15						.07	.33	.77							.24						.
LEITCHFIELD 2 N	2.37	.11			.35	.37	.27				.38							.21	.01	.62					.05							.
LIBERTY	3.80				.11	.24	2.07				.54							.20	.04	.53				.04			.03					.
LOUISVILLE	2.54	.12			.46	.55	T										T	.22	.78	T						.41						.
LOUISVILLE WB AP R	2.61	.05	T		.76	.21				.04	T						.10	.28	.90							.27						.
LOUISVILLE UPPER GAGE	2.33	.18			.12	.53	.20				.10							.08	.11	.57			.04			.20	.20					.
MAMMOTH CAVE PARK	2.22	.05	T		.38	.03					.20						.03	.73	.80													.
MILLERSTOWN	3.16				.58	.34	.25					.71						.52		.76												.
MUNFORDVILLE	2.27	T			.35	.28	.11				.12							.48	T	.93												.
NOLIN RIVER RESERVOIR	2.98	.02			*	.51	.91				.11	.04						.51		.85						T	.03					.
ROUGH RIVER DAM	2.50				.57	.48	.10				.06	.04						.71	.15	.27						.08	.04					.
SCOTTSVILLE 3 SSW	4.18				.52	.73	.78			.29							.29	.49	1.08													.
SCOTTSVILLE 2 SW	3.35				.25	.30	1.05				.12						.03	.60	.75	.25												.
SHEPHERDSVILLE	2.13	T			.60	.43	.03				.12								.15	T	.65				T	.15						.
SUMMER SHADE	2.49				.53	.35	.21			.06	.04						.10	.22	.98													.
WOLF CREEK DAM	4.07				.33	.29	2.65											.04	T	.76												.
WOODBURY LOCK 4	3.64	.35			.35	.22	.42				.25						.02	1.09	.60	.34					T		T					.
• • • BLUE GRASS 03																																
BEREA COLLEGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
BEREA	1.39				T	.26	.44				.28								T	.41	T						T					.
CARROLLTON LOCK 1	1.82	.10	.17			.33	.40				.22	T						.14	.11	.30						.05	T					.
COVINGTON WB AIRPORT R	2.16	.19	.05		.06	.21				.75	.08	T					T	.27	.44						T	.11						.
CYNTHIANA	1.60		.04			.03	.28				.17	.04	T					.33	.27	.41					T	T	.03					.
CYNTHIANA 2	1.60		.05			.03	.28				.17	.05						.53	.08	.41						T						.
DANVILLE	2.45				T	.29	1.10				.15	.04						.09	.01	.68					.07		.02					.
DIX DAM	2.75				T	.18	1.37				.20	.05						.19		.71						T	.05					.
FALMOUTH 5 WNW	2.70		.21			.24	.47				.67	.05	T					.12	.48	.41						T	.05					.
FARMERS 1 WNW	1.68					T	.56				.07								.36	.25	.35		.07				.02					.
FLEMINGSBURG	1.47		.03			T	.72				.32	.01	T					.09	.05	.20	.05											.
FLEMINGSBURG 1 SW	1.37		.01		T	.57	.15				.24	.02						.07	.23	.08						T						.
FORD LOCK 10	2.33		T		T	.07	1.18				.25	T								.56	T	.13					.14					.
FRANKFORT LOCK 4	2.83	T	.07		T	.43	.68				.43	.08						.16	.09	.79		T				.04	.06					.
GEORGETOWN WATER WORKS	2.18						.58				.33	.04						.49	.08	.59							.07					.
GEST LOCK 3	2.75		.05			.44	.53	T			.88	.03	T					.14	.03	.56						.04	.05					.
HIGH BRIDGE LOCK 7	4.38				.01	.15	2.47			.45	.01							.13	.07	.81	T						.28					.
KEENE 1 SSW	2.59		T				.98				.44							.28		.82							.07					.
LA GRANGE 1 ESE	3.48	.14			.29	1.88	.03	T		.15	.05	.03	.02	.02	T	T	T	.16	.51	T	T					.20						.
LANCASTER	1.85					.25	.72				.22									.66												.
LEXINGTON WB AIRPORT R	2.98	T			.04	1.26				.42	.06	T					T	.58	.52	T						.10						.
LITTLE HICKMAN LOCK 8	2.22				.06	.21	.73				.13							.48	.04	.50	.07											.
LOCKPORT LOCK 2	2.67		.05			.81	.40				.49	.06						.22	.03	.54						.07						.
MAYSVILLE SEWAGE PLANT	2.80		.10			.02	1.63		T		.39	.09	T					.06	.22	.29							T					.
MIDWAY	1.80				T	.07	.83				.50							.30	.10													.
MOUNT STERLING	1.81	T			.06	1.03			.24	T		.02						.05	.31	.06						.04						.
OWENTON 2 S	3.06		.08		.15	1.17	.24				.67	.15						.15	.37	T			.01			.07						.
RICHMOND	2.40				.03	.13	1.40				.18	.05						.01	T	.55	T	.05					T					.
SALVISA LOCK 6	2.56		.06		.03	.17	.63		T		.51	.01						.13	.09	.83						.02	.08					.
SHELBYVILLE	3.96		.07		.01	.77	.36				1.36	.05						.16	.08	.96						.06	.08					.
SPRINGFIELD	1.37		T		.15	.16	.17			.17										.72												.
TAYLORSVILLE	3.72		.07		.10	.42	.06				1.15	T						.24	.06	1.37						.04	.21					.
TYRONE LOCK 5	2.97		.03		.03	.21	.84				.50	.03						.26	.17	.79		T				T	.11					.
VALLEY VIEW LOCK 9	2.26					.17	1.22				.12							T	T	.67		.03					.05					.
WARSAW MARKLAND DAM	2.23		.13			.18	.82				.42	.10						.09	.18	.31						T						.

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Day of Month																														
WAYNESBURG 7 NE	1.97					.29	.42				.61	.05								.55							.05					
WILLIAMSTOWN 3 NW	2.09	.02	.04		.05	.77	.13				.30	.04					T	.36	.33	.02	.01					.02						
* * *																																
EASTERN 04																																
ASHLAND	1.73	T	.11			.09	.51				.41	.05								.26	.30											
BARBOURVILLE	2.62	.25	.08		T	.25	.55				.73	T								.61	.15											
BAXTER	2.04	.30	.12			.05	.40				.24	T	T							.52	.14	.27										
BLAINE 2 W	1.22	.10					.20				.35									.32	.25											
BUCKHORN	2.03	.20	T		T	.03	.31				.47	.05							.13	.20	.41						.23					
BURDINE 2 NE	1.18	.10	.03								.70										.35											
CLAY CITY 1 WNW	2.15					.05	.80				.20	.45							.15	.35	.15											
COLLEGE HILL LOCK 11	1.77				T	.08	.93			T	.17	T						.03	.05	.41	.04	.06										
CUMBERLAND	1.29	.06	.10	T	T	.10	.10			.19	.16	T							.35	.12	.08	.03										
CUMBERLAND FALLS ST PK	1.97	.02			.34	.08	.62			T	.11							.01	.47	.32	T											
DEWEY DAM	.92	T				.30	.07				.15	.02	.03							.20	.11					T	.04					
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FOURMILE KY UTIL PARK	2.08	.27	.20			.14	.55				.18									.65	.09											
FREEBURN 2 SW	2.09	.01			.01	.02	.17				1.27	.25	.03	.01						.12	.20						T					
FRENCHBURG	-	-	-	-	-	-	-	-	-	-	-	.30						.03	.02	.20												
GRAYSON 3 SE	1.76	.04	.09			.04	.42				.48		.02						.18	.49												
HAZARD WATER WORKS	1.53	.34	.05			.05	.29				.26	.09							.07	.30	.08											
HEIDELBERG LOCK 14 R	1.99	T	T		T	.11	.48				.48	T						T	T	.51	.24	T					.17					
HINDMAN 11 NNE	1.61	.35	.05			.05	.15				.56									.30	.15											
HYDEN	1.23	.34	.01			.05	.36				.05	.03							.05	.25	.08	.01										
JACKSON	2.02	.13	T			T	.24				.47	T							.15	.32	.26						.45					
JEREMIAH	.35	.05									.20									.10												
LLOYD GREENUP DAM	1.51	T	.04			.04	.53				.40	.04								.22	.22						.02					
LONDON FAA AP	2.06	.03			.37	.47	.07			.11	T	T						T	.50	.51												
LOUISA 2	1.48	.15	.25			.03	.20				.31	.02	.02							.28	.16					T	.06					
MANCHESTER 4 SE	2.28	.21				.14	.81				.41							.06		.38	.27											
MARTIN	1.56	.30					.35				.30	.26								.25							.10					
MC KEE	2.49	T	.24		.01	.23	.78				.45	T						T	T	.40	.24						.14					
MIDDLESBORO	2.40	.24	.15			.10	.41				.63									.71	.16	T										
MONTICELLO	2.60				.08	.46	1.06				.55	T								.38	.07											
MOUNT VERNON	2.42	T			.45	.62	.33			.03	.18								.39	.34	.03	.03				.02						
ONEIDA	1.80		.25		.02	.10	.42				.12	.03							.08	.30	.43						.05					
PAINTSVILLE 1 S	2.23	.25					.16				1.45	T								.37												
PIKEVILLE	1.54	.16	.08			.08	.08			.28	.37	.05							.19	.25						T						
RAVENNA LOCK 12	1.98		.10			.42	.26				.15	.04						T	.03	.54	.33						.11					
SALYERSVILLE 2 SE	1.43	.15					.17				.19									.45	.17						.30					
SOMERSET 2 N	3.01				.40	.44	1.00			.42	.04							.01	.53	.17												
STEARNS	2.87					.29	1.10				.56								T	.67	.25											
TILFORD	1.47			.02						.64		.29							T	.52												
TOMAHAWK 1 WSW	2.40	.32	T			.16	.14				1.35		.03							.19	.11						.10					
VANCEBURG	2.49				.01	.05	1.25			.27	.08	.05						.41	.30	.07						T						
WEST LIBERTY	2.23	.03	.05			.04	.41				.37	.02							.02	.30	.99						T					
WILLIAMSBURG 1 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILLOW LOCK 13	1.85		T			.10	.68			T	.18	T						.02	.05	.43	.23		.06				.10					

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	19	2.4	5.4	17++	27	06	83	87	57	70	3	3	5	1	0	0	12	-	5.8
LEXINGTON WB AIRPORT	18	2.7	6.3	29++	22	09	80	87	56	64	4	2	2	2	1	0	11	-	5.0
LOUISVILLE WB AIRPORT	19	2.3	5.5	29	W	09	81	89	54	59	2	2	4	2	0	0	10	67	5.2

DAILY TEMPERATURES

KENTUCKY
SEPTEMBER 1968

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	83	88	88	83	83	79	87	87	79	73	76	79	83	86	87	77	80	78	82	84	88	88	88	88	78	78	78	82	83	86		82.6
	MIN	53	52	57	66	67	50	49	51	57	51	54	41	43	43	52	63	66	56	56	52	59	62	61	60	58	46	47	44	50	48		53.8
BEAVER DAM	MAX	81	85	88	85	82	77	83	85	82	75	72	75	78	82	87	73	80	78	77	85	86	88	88	86	76	76	78	80	82	83		81.1
	MIN	57	57	54	64	68	57	50	51	61	55	51	42	44	46	52	61	61	57	51	54	60	58	60	62	60	46	46	42	46	49		54.1
FORDS FERRY DAM 50	MAX	83	87	90	80	73	73	80	84	86	79	70	70	76	83	83	72	81	72	80	85	88	88	88	85	85	69	78	77	80	82		80.2
	MIN	58	56	62	67	61	56	55	56	59	60	60	55	49	56	56	63	68	57	58	63	68	67	65	65	64	50	49	53	52	56		58.8
GILBERTSVILLE 1 SE	MAX	85	88	89	84	77	80	84	86	82	74	76	78	80	84	86	81	81	79	82	82	85	86	87	85	79	77	81	80	83	84		82.2
	MIN	57	55	62	67	69	55	53	59	61	56	55	47	48	51	60	64	67	57	57	57	66	67	64	62	56	47	51	48	52	52		57.4
GOLDEN POND 8 N	MAX	86	86	89	88	82	78	80	86	88	78	71	74	79	84	87	88	74	79	77	80	82	87	82	87	86	66	77	78	80	83		81.4
	MIN	60	60	64	65	69	60	58	60	66	57	60	53	54	55	58	63	64	56	56	59	60	67	66	64	63	52	53	54	54	58		59.6
GREENVILLE 2 W	MAX	83	85	88	83	79	79	85	85	84	74	73	75	79	84	85	80	80	78	79	85	87	87	87	85	79	77	78	81	83	85		81.7
	MIN	58	52	55	65	69	55	51	53	61	51	51	48	45	47	54	63	63	57	51	57	61	61	60	62	60	45	50	45	48	50		54.9
HENDERSON 7 SSW	MAX	82	87	90	80	74	79	84	85	79	68	75	76	80	83	84	77	81	76	78	85	86	89	88	86	71	80	78	81	85	86		81.1
	MIN	59	56	61	65	69	53	53	58	62	59	55	44	48	50	58	63	65	58	56	55	66	65	64	65	61	49	49	47	52	54		57.3
HICKMAN 1 E	MAX	84	90	87	84	78	80	88	87	78	75	75	79	82	87	87	78	80	78	83	87	90	89	88	85	76	78	78	81	82	85		82.6
	MIN	55	52	58	65	66	52	49	53	58	53	53	46	44	45	52	62	64	54	54	54	53	63	62	60	54	45	45	45	50	48		53.8
HOPKINSVILLE	MAX	87	86	89	89	83	84	83	86	88	78	70	78	79	83	85	86	71	79	78	81	85	86	89	89	88	71	80	83	84	86		82.8
	MIN	55	53	53	56	65	55	53	52	56	54	54	48	47	48	53	56	60	58	52	52	60	62	61	61	61	48	47	48	48	51		54.2
LOVELACEVILLE	MAX	82	87	87	82	77	80	84	87	79	71	76	80	82	85	87	77	81	76	83	84	89	89	87	82	76	78	80	83	84	86		82.0
	MIN	54	53	57	66	67	52	50	54	58	52	54	44	45	47	54	63	66	58	55	54	62	64		60	56	45	51	46	50	50		54.7
MADISONVILLE 1 SE	MAX	83	87	89	86	80	79	84	86	84	76	75	76	79	83	84	81	80	80	79	84	86	88	88	85	81	77	79	82	84	86		82.4
	MIN	51	53	57	63	67	55	52	52	60	55	52	44	45	48	52	61	63	55	52	52	60	60	60	61	58	46	50	45	49	49		54.2
MAYFIELD RADIO WNGO	MAX	80	84	86	89	82	81	88	87	86	76	78	78	82	85	85	80	81	81	85	86	89	89	90	88	88	87	79	81	82	87		84.0
	MIN	50	54	54	68	60	50	55	52	58	50	50	44	41	49	53	60	66	58	53	50	72	63	61	58	61	50	48		46	48		54.6
MURRAY	MAX	82	85	86	87	80	78	79	83	86	74	72	72	75	79	84	85	72	79	74	79	81	83	85	85	84	64	73	75	78	79		79.3
	MIN	58	56	61	62	68	58	54	56	64	57	56	50	49	52	54	63	63	57	55	56	59	66	63	63	62	48	50	50	51	54		57.2
OWENSBORO 2 W	MAX	82	85	91	82	80	79	86	86	79	73	77	81	84	88	87	77	82	81	79	86	89	90	90	86	75	78	81	84	86	88		83.1
	MIN	61	54	57	60	68	54	52	54	62	58	56	44	48	49	55	65	65	59	55	53	63	62	62	63	61	46	49	47	50	51		56.1
PADUCAH FAA AIRPORT	MAX	81	86	86	79	75	79	85	85	77	71	76	79	82	85	85	71	80	78	82	83	87	87	86	82	67	76	77	81	82	86		80.5
	MIN	57	55	63	67	61	55	52	54	58	54	54	46	47	49	56	64	65	56	57	55	64	68	66	63	53	48	53	49	54	53		56.5
PADUCAH	MAX	82	87	86	84	81	79	83	87	78	74	76	76	81	83	86	85	81	83	81	85	87	88	89	86	81	78	79	80	83	85		82.5
	MIN	55	55	59	66	69	55	52	56	59	56	55	46	48	51	57	62	67	56	55	54	64	66	65	61	59	50	52	50	53	53		56.9
PRINCETON 1 SE	MAX	83	88	89	86	81	80	84	86	85	77	74	76	79	85	86	85	81	81	80	83	87	88	87	86	82	78	78	83	82	86		82.9
	MIN	58	53	56	65	68	52	52	55	62	55	54	45	47	51	58	63	67	56	54	55	66	65	63	64	60	46	52	46	51	52		56.4
ROCHESTER LOCK 3	MAX	84	81	85	88	82	79	79	79	85	78	69	73	74	77	81	83	69	79	74	78	83	85	86	87	84	70	76	78	79	82		79.6
	MIN	52	56	55	56	67	58	53	54	54	58	54	47	46	47	47	54	63	61	53	51	54	61	61	62	62	51	50	46	46	48		54.2
RUSSELLVILLE	MAX	85	83	86	89	82	82	80	85	86	80	78	74	78	80	84	85	70	79	73	78	82	86	87	88	85	68	77	80	85	81		81.2
	MIN	55	55	56	65	66	55	50	51	62	55	52	42	44	48	49	59	63	60	51	55	61	61	60	61	62	50	49	44	45	46		54.4
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	77	81	89	85	78	77	81	83	81	66	70	74	79	81	84	76	80	80	76	84	86	86	88	84	78	75	76	80	79	81		79.8
	MIN	61	62	55	63	68	55	52	53	61	57	55	46	47	51	57	63	61	58	51	59	62	61	62	63	58	47	50	46	48	50		56.1
BARDSTOWN NAZARETH COL	MAX	84	83	90	87	81	80	83	86	87	65	71	74	77	80	86	85	82	82	78	86	86	88	88	87	84	76	77	80	80	82		81.8
	MIN	59	55	56	63	68	58	52	53	59	55	55	49	46	47	52	62	61	58	48	61	61	61	60	61	59	47	54	45	47	51		55.4
BARREN RIVER RESERVOIR	MAX	87	81	87	88	83	85	82	83	87	82	72	74	76	79	84	86	71	83	72	79	84	87	89	88	83	74	78	81	81	83		81.6
	MIN	60	55	56	63	66	58	51	52	57	55	55	45	45	45	50	60	64	67	52	55	64	60	60	61	61	58	48	46	45	40		55.1
BOWLING GREEN FAA AP	MAX	82	87	90	83	84	80	85	87	83	70	75	76	79	84	85	70	81	74	79	82	86	88	88	87	71	78	81	81	83	86		81.5
	MIN	61	57	56	66	65	57	51	55	60	56	53	45	46	50	55	64	64	54	48	59	63	62	62	60	58	53	50	47	49	50		55.9
BRADFORDSVILLE	MAX	85	82	88	93	81	84	81	83	87	81	68	73	75	80	85	89	77	83	77	79	85	87	89	89	87	72	78	81	77	82		81.9
	MIN	61	54	50	64	68	55	48	50	59	54	56	47	41	43	51	60	61	65	47	59	58	57	57	57	62	49	48	39	43	48		53.7
CAMPBELLSVILLE 2 SSW	MAX	83	84	92	88	83	82	83	86	86	69	72	74	78	80	89	85	82	82	78	86	86	87	88	87	83	75	79	79	84	84		82.5
	MIN	63	56	54	64	68	57	50	54	62	55	53	47	45	45	56	62	61	59	52	63	62	61	63	60	64	52	48	41	48	50		55.8
CECILIA	MAX	81	86	91	89	81	85	81	85	83	66	71	75	79	82	86	81	81	81	78	80	87	90	89	85	82	76	77	80	82	83		81.8
	MIN	51	54	51	62	67	65	48	50	56	54	48	44	41	47	51	60	60	57	45	57	57	56	57	57	57	44	45	41	43	46		52.4
CLERMONT 1 SSE	MAX	85	85	90	88	80	80	83	86	86	69	72	77	81	82	86	84	82	81	77	86	88	89	88	86	82	77	79	81	82	84		82.5
	MIN	58	55	53	63	68	61	50	51	57	56	53	45	44	46	51	60	62	58	47	61	59	59	60	60	58	44	48	43	45	49		54.1
GLASGOW WKAY	MAX	83	86	91	83	84	79	84	88	83	70	73	74	77	82	84	82	82	76	79	84	85	87	88	87	81	76	80	79	81	84		81.7
	MIN	63	55	55	65	68	57	50	55	62	53	53	45	46	52	57	63	61	64	50	62	60	60	61	59	64	56	48	52	46	50		56.4
GREENSBURG	MAX	85	81	87	93	82	83	84	86	88	84	70	75	78	81	85	87	77	84	70	79	87	90	91	90	88	73	80	83	83	85		83.0
	MIN	55	54	54	55	65	58	52	52	54	55	55	47	46	46	48	55	63	63	51	55	59	61	61	59	59	55	49	45	45	48		54.1
HODGENVILLE-LINCOLN NP	MAX	84	86	91	90	85	84	82	87	87	78	71	74	78	81	85	82	82	82	76	86	87	87	88	88	83	75	80	80	83	83		82.8
	MIN	57	51	54	61	62	53	49	50	58	51	50	44	42	46	55	62	59	56	46	58	60	58	57	58	58	46	57	41	44	41		52.8
IRVINGTON	MAX	84	84	90	88	79	77	82	86	86	74	72	76	80	82	85	81	82	81	78	85	86	88	87	85	83	72	77	81	83	83		81.9
	MIN	60	57	58	65	67	56	54	58	64	58	58	45	45	56	53	64	63	61	52	57	60	62	59	61	58	45	47	43	47	48		56.0
LEITCHFIELD 2 N	MAX	79	84	89	84	80	78	82	84	81	70	72	75	78	81	85	78	80	77	77	84	86	89	86	80	89	81	79	81	83	84		81.2
	MIN	60	54	52	65	70	58	51	51	59	57	53	45	44	46	52	61	62	60	47	58	60	59	61	59	60	46	48	42	46	48		54.5
LOUISVILLE	MAX	86	85	90	91	80	80	85	86	84	81	74	74	81	82	85	85	78	79	77	86	86	90	91	90	87	76	77	80	81	84		83.0
	MIN	64	62	62	65	70	62	58	59	63	60	59	52	54	56	61	66	63	60	54	61	64	67	67	68	60	53	56	52	55	58		60.4
LOUISVILLE WB AP	MAX	80	83	89	80	78	78	82	84	81	65	73	75	79	81	85	76	82	71	77	85	86	88	88	85	72	76	77	79	79	82		79.9
	MIN	64	59	59	66	66	59	55	56	63	61	56	49	49	53	58	65	64	58	53	60	63	64	64	64	56	49	53	48	52	54		58.0
MAMMOTH CAVE PARK	MAX	83	84	90	88	84	83	82	87	86	78	72	75	80	84	86	83	81	81	78	83	86	87	85	85	78	76	81	80	82	84		82.4
	MIN	59	52	51	65	69	58	55	50	60	50	53	44	44	48	53	62	61	60	48	58	60	59	59	58	62	48	45	42	44	45		54.1

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NOLIN RIVER RESERVOIR	MAX	85	83	84	90	82	83	83	85	87	83	67	74	76	72	83	86	72	82	73	80	84	87	88	90	86	72	79	82	82	85		81.5
	MIN	62	54	54	65	70	57	50	53	65	57	56	47	51	49	54	68	65	67	49	53	60	61	59	58	63	49	48	48	47	50		56.3
ROUGH RIVER DAM	MAX	85	82	85	89	81	77	78	84	83	81	64	74	77	80	84	86	71	78	73	77	85	86	89	88	85	73	77	79	81	84		80.5
	MIN	56	55	55	57	64	55	50	51	55	56	51	44	44	44	48	57	60	60	52	52	61	60	59	59	57	45	45	43	44	47		52.9
SCOTTSVILLE 3 SSW	MAX	84	86	89	84	82	79	82	85	81	70	72	73	77	83	83	79	81	77	78	79	85	86	88	85	79	75	78	79	82	84		80.8
	MIN	62	59	63	65	68	60	55	62	64	55	53	49	49	54	60	62	62	59	52	63	65	63	63	63	65	58	53	51	52	55		58.8
SUMMER SHADE	MAX	81	83	83	81	81	78	81	84	80	70	71	73	77	84	84	79	82	73	77	82	84	85	85	84	74	74	79	79	81	82		79.7
	MIN	62	53	53	63	68	59	50	54	59	52	53	43	43	47	47	61	61	57	49	61	60	58	59	57	60	52	45	45	45	48		54.1
WOLF CREEK DAM	MAX	87	85	87	92	82	81	81	83	87	80	71	74	76	82	84	85	78	83	70	81	85	88	89	80	86	80	76	82	82	83		82.0
	MIN	55	52	51	57	66	59	50	53	59	59	52	47	46	48	51	57	59	66	52	58	59	60	60	60	60	54	44	45	45	43		54.2
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX																																
	MIN																																
CARROLLTON LOCK 1	MAX	82	80	87	87	76	76	80	82	81	79	66	73	76	79	83	83	77	78	75	82	85	85	86	86	83	75	74	77	77	79		79.6
	MIN	60	58	56	64	68	58	52	51	61	57	58	48	47	53	53	60	62	58	52	60	61	61	61	62	64	46	50	44	50	50		56.2
COVINGTON WB AIRPORT	MAX	77	81	88	75	78	77	81	84	81	64	65	75	80	81	84	80	77	68	77	83	85	87	86	84	69	74	75	76	75	80		78.2
	MIN	60	56	58	66	66	56	52	56	62	56	58	49	49	53	57	62	62	55	55	63	63	64	62	63	51	45	51	47	52	46		56.5
CYNTHIANA 2	MAX	83	80	83	89	76	79	88	83	85	80	68	75	76	80	82	82	77	77	67	75	86	88	89	88	85	70	78	79	80	78		80.2
	MIN	60	58	53	60	66	54	49	50	59	56	50	47	42	46	48	57	61	60	51	55	59	58	59	60	64	44	47	40	44	43		53.3
DANVILLE	MAX	83	81	84	90	79	80	79	83	86	77	77	72	75	79	82	85	70	81	68	74	87	87	88	89	86	69	76	80	81	81		80.3
	MIN	55	57	58	58	64	59	52	52	54	57	57	50	47	47	49	60	60	60	52	52	63	62	62	62	62	51	51	48	48	50		55.3
DIX DAM	MAX	79	82	88	88	83	81	81	84	82	78	67	73	76	79	84	84	79	79	73	83	86	86	87	87	84	73	78	79	79			80.8
	MIN	60	58	56	64	67	57	53	54	61	55	55	49	46	49	56	59	60	60	52	61	63	60	60	61	65	50	50	46	47			56.3
FALMOUTH 5 WNW	MAX	78	81	89	84	76	77	81	84	82	76	69	74	79	80	84	79	76	71	76	85	87	88	87	85	80	76	76	86	78	81		80.2
	MIN	60	54	52	60	66	52	48	49	57	57	56	45	42	46	48	55	61	60	51	55	57	58	59	59	63	41	44	40	42	41		52.6
FARMERS 1 WNW	MAX	78	81	87	78	80	78	81	84	75	72	65	75	78	80	84	77	74	73	71	86	87	87	87	86	74	74	77	79	78	89		79.2
	MIN	60	58	52	61	65	57	50	52	59	61	58	49	45	49	51	58	60	60	57	57	60	54	59	59	63	50	44	41	45	49		54.8
FLEMINGSBURG 1 SW	MAX	78	80	88	83	79	76	80	82	76	69	63	72	77	80	83	75	71	69	69	84	89	86	86	85	74	75	76	80	76	79		78.0
	MIN	62	59	54	62	65	58	50	52	60	59	56	51	43	48	53	60	60	59	56	57	58	58	59	61	65	45	46	41	51	46		55.1
FRANKFORT LOCK 4	MAX	84	81	84	88	76	77	78	83	86	80	68	67	77	79	80	85	77	80	69	77	87	87	89	88	86	70	77	79	81	81		80.0
	MIN	55	59	55	55	66	58	52	53	54	56	58	51	48	48	51	54	59	63	51	55	57	62	62	62	63	49	48	46	46	49		54.8
LEXINGTON WB AIRPORT	MAX	80	81	87	75	80	75	80	82	78	67	65	74	77	79	82	77	78	70	73	82	83	85	85	84	69	74	76	79	79	80		77.9
	MIN	62	59	59	67	66	59	54	57	62	58	58	51	48	52	60	64	63	54	53	61	63	62	63	64	56	50	53	48	50	53		57.6
MAYSVILLE SEWAGE PLANT	MAX	80	82	82	89	76	79	78	81	83	78	70	65	75	80	81	84	76	71	67	73	74	89	89	87	87	73	76	77	79	77		78.6
	MIN	62	59	56	57	59	58	53	52	54	59	58	56	51	51	55	56	57	60	58	57	60	62	63	64	63	48	49	49	49	51		56.2
MOUNT STERLING	MAX	81	81	87	89	79	79	82	83	80	79	79	73	77	78	83	80	78	71	68	84	84	85	83	87	85	74	78	80	78	81		80.2
	MIN	60	61	56	54	65	59	54	56	62	60	58	50	46	51	56	60	62	59	56	56	62	61	61	62	63	50	50	46	49	50		56.5
OWENTON 2 S	MAX	83	82	89	89	76	76	83	85	82	81	64	75	80	82	84	84	79	79	77	85	86	87	88	87	81	75	78	80	80	81		81.3
	MIN	57	55	52	61	67	53	49	51	57	55	57	46	44	48	54	58	61	58	48	57	58	58	59	59	62	44	46	42	49	46		53.7
RICHMOND	MAX	84	81	84	88	77	81	79	82	84	78	72	67	74	78	81	86	77	81	73	72	86	86	88	88	87	71	76	80	79	81		80.0
	MIN	59	57	56	60	62	57	53	57	60	58	56	47	46	46	58	63	64	64	55	58	63	61	62	61	64	50	49	46	49	51		56.4
SHELBYVILLE	MAX	83	79	83	87	76	77	77	81	84	80	66	69	74	78	79	83	75	80	66	76	84	86	86	86	83	70	75	77	79	79		78.6
	MIN	55	58	57	57	64	56	54	53	55	55	55	48	48	48	54	58	61	61	48	52	61	62	62	62	63	46	47	47	46	51		54.8
WARSAW MARKLAND DAM	MAX	83	77	81	75	75	78	75	81	83	81	66	68	75	81	80	85	79	78	67	78	82	86	88	87	84	69	76	78	80	78		78.5
	MIN	53	54	55	60	65	60	54	52	54	60	56	51	48	50	54	55	63	63	51	52	60	61	63	61	61	47	46	47	47	50		55.1
WAYNESBURG 7 NE	MAX	79	81	86	76	80	75	79	83	76	68	69	72	76	79	82	75	80	71	73	85	86	86	85	84	75	73	78	78	79	81		78.3
	MIN	58	56	54	62	65	57	50	54	59	57	56	48	46	51	56	60	61	57	53	60	63	61	60	59	63	52	47	51	49	50		55.8
WILLIAMSTOWN 3 NW	MAX	77	80	88	85	75	75	80	82	80	74	66	74	78	79	85	75	78	72	75	83	85	86	87	84	78	75	77	78	77	80		78.9
	MIN	60	58	60	65	67	56	54	52	61	51	56	49	50	57	58	62	60	58	52	60	64	65	65	65	63	48	51	49	50	51		57.2
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	83	78	81	88	78	78	78	81	84	76	75	65	73	76	81	85	78	81	68	71	85	87	87	88	88	73	74	78	78	78		79.1
	MIN	52	59	52	52	62	59	53	55	57	60	57	52	47	48	54	55	56	55	58	57	58	56	59	59	64	50	44	45	47	48		54.3
BARBOURVILLE	MAX	82	77	84	88	78	82	81	81	85	82	75	79	75	80	84	85	82	79	72	72	85	86	87	87	86	81	71	80	80	82		80.9
	MIN	53	58	51	52	59	61	52	52	53	55	58	52	48	48	48	52	55	65	57	57	57	61	59	58	58	57	44	45	43	44		53.7
BAXTER	MAX	81	76	80	86	72	75	79	77	82	81	76	66	71	77	83	82	79	78	73	71	85	86	86	86	86	80	75	78	80	80		78.9
	MIN	52	58	52	52	59	61	51	50	51	51	54	50	47	47	50	54	54	60	56	56	56	61	60	58	57	56	46	45	46	46		53.2
BLAINE 2 W	MAX	80	85	80	87	75	78	78	81	85	77	78	65	73	78	85	85	77	82	69	70	85	87	87	88	87	70	75	79	78	79		79.4
	MIN	46	60	50	48	58	58	45	46	48	53	59	54	38	43	48	48	48	52	56	55	55	59	59	56	56	47	40	40	39	42		50.2
CUMBERLAND	MAX	78	82	88	77	75	80	83	85	81	76	65	74	85	85	83	82	77	78	77	86	87	87	90	87	81	75	80	80	80	80		80.8
	MIN	55	55	51	55	62	59	49	48	54	58	52	45	47	52	51	51	59	57	55	56	60	57	56	55	53	60	43	41	40	44		52.7
DEWEY DAM	MAX	82	78	80	85	75	75	79	80	82	81	75	65	73	76	80	83	77	82	69	72	83	85	85	84	86	79	70	77	78	76		78.4
	MIN	52	58	55	56	60	63	55	53	54	55	60	54	52	51	52	55	54	56	57	55	55	61	61	58	60	55	48	48	49	48		55.0
GRAYSON 3 SE	MAX	83	79	81	87	77	78	79	82	84	74	73	65	75	77	79	85	76	80	69	69	86	85	87	87	87	73	73	77	78	74		78.6
	MIN	53	58	50	53	60	61	48	49	54	57	58	51	44	45	48	52	54	56	58	54	54	59	59	57	57	49	42	41	42	46		52.3
HEIDELBERG LOCK 14	MAX	79	80	85	86	79	78	78	82	84	73	71	72	75	78	83	83	75	72	67	84	84	84	86	86	86	72	78	78	78	79		79.2
	MIN	58	57	50	60	63	59	48	53	55	60	59	49	44	50	53	58	62	60	57	56	62	62	60	57	62	53	44	46	43	46		54.9
HINDMAN 11 NNE	MAX	81	78	81	85	76	78	78	79	84	82	78	66	72	75	78	82	80	82	72	73	85	85	86	86	86	81	71	78	78	79		79.2
	MIN	58	58	50	50	58	61	52	50	55	54	56	53	46	46	49	54	53	54	53	55	57	59	58	56	56	55	44	43	42	45		52.7
HYDEN	MAX	81	78	81	86	77	79	78	80		85	76	67	73	77	81	85	81	75	75	77	87	86	87	86	86	80	72	78	79	80		79.8
	MIN	54	59	53	53	60	61	53	52		52	58	53	48	48	48	54	54	56	56	56	58	60	59	58	57	56	44	44	45	44		53.6
JACKSON	MAX	82	79	81	86	74	77	78	81	84	81	73	70	74	77	80	84	75	75	72	70	85	86	86	86	86	78	73	79	78	79		79.0
	MIN	54	57	52	52	60	58	52	51	53	56	58	52	47	47	47	53	56	56	56	57	58	62	61	59	59	55	48	48	47	47		53.9

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	79	81	85	75	76	77	78	82	78	70	68	72	75	78	81	77	77	71	70	83	84	86	85	85	79	69	77	77	79	80		77.8
	MIN	58	56	52	63	66	55	49	52	59	59	56	47	43	47	52	59	64	54	55	57	62	58	56	55	61	48	44	48	42	47		54.1
MANCHESTER 4 SE	MAX	78	82	87	81	88	78	81	84	82	75	70	72	76	82	84	80	78	76	70	85	87	88	86	86	82	74	77	79	82	81		80.4
	MIN	57	56	49	57	62	64	48	52	54	61	58	51	45	47	52	53	57	59	56	56	59	58	57	55	59	52	42	48	42	47		53.8
MC KEE	MAX	81	78	81	84	75	73	76	79	84	74	71	65	68	74	76	84	80	77	69	71	84	84	85	83	85	75	74	74	75	76		77.2
	MIN	50	54	49	50	60	58	47	47	48	55	56	46	41	41	42	46	57	59	55	54	55	55	54	53	55	51	42	41	41	42		50.1
MIDDLESBORO	MAX	79	75	82	84	73	72	77	79	81	78	75	68	72	77	81	80	77	75	71	72	83	84	84	83	83	79	73	76	77	79		77.6
	MIN	51	59	50	52	61	63	51	51	54	54	57	51	47	48	50	52	54	61	57	56	56	60	60	59	57	57	43	45	46	47		53.6
MONTICELLO	MAX	84	86	93	85	78	79	84	86	82	72	73	75	78	82	85	80	81	76	77	85	86	87	87	87	82	73	81	81	82	84		81.7
	MIN	59	55	51	64	68	57	47	54	63	60	56	45	43	46	56	60	65	59	52	62	62	59	57	57	60	51	43	45	42	47		54.8
MOUNT VERNON	MAX	79	81	86	84	78	76	79	83	82	70	71	72	76	80	83	81	79	77	70	84	85	85	86	85	84	82	79	79	80	81		79.9
	MIN	60	59	51	63	67	59	48	52	59	60	47	46	43	46	72	72	63	59	55	60	75	59	58	58	62	60	45	45	45	49		56.6
PIKEVILLE	MAX	80	84	89	76	77	82	84	88	82	88	70	76	80	85	87	82	85	72	77	89	88	90	90	91	83	73	82	83	82	84		82.6
	MIN	59	59	55	59	63	64	54	56	55	60	57	55	50	53	55	54	57	55	57	55	61	61	61	57	59	59	48	51	47	51		56.2
SOMERSET 2 N	MAX	82	83	87	84	77	79	79	84	82	72	72	72	76	81	82	77	79	77	73	84	84	86	86	86	83	74	78	79	80	83		80.0
	MIN	56	54	50	62	59	57	43	52	58	58	55	43	42	46	76	57	63	58	48	55	55	58	54	55	61	50	43	46	42	46		53.4
STEARNS	MAX	84	81	82	83	76	79	79	78	89	80	70	68	70	70	82	78	78	79	67	70	74	80	82	82	83	76	67	70	76	77		77.0
	MIN	56	52	54	55	58	60	56	55	58	60	56	42	45	47	48	48	59	64	54	56	58	55	59	58	57	51	46	46	46	51		53.7
TOMAHAWK 1 WSW	MAX	79	76	80	83	75	76	77	75	82	76	74	65	73	74	79	83	75	82	68	72	82	85	85	84	85	76	76	76	76	74		77.4
	MIN	52	55	45	47	57	57	46	54	47	50	56	52	45	45	47	48	50	51	54	49	51	54	56	53	53	50	40	40	41	43		49.6
VANCEBURG	MAX	74	81	83	80	75	77	78	81	71	69	64	71	78	78	81	75	70	63	67	82	83	88	86	86	80	72	77	76	73	76		76.5
	MIN	56	56	48	57	60	57	45	49	53	58	56	54	43	47	51	50	58	53	56	52	58	59	56	56	60	42	40	38	45	44		51.9
WEST LIBERTY	MAX	82	81	78	87	73	77	79	81	84	74	73	65	74	80	82	85	76	77	69	69	86	88	86	88	87	74	76	79	80	78		78.9
	MIN	50	51	49	49	57	55	47	47	51	51	55	50	48	48	49	52	56	57	57	55	55	60	58	58	58	53	45	45	45	45		51.9
WILLIAMSBURG 1 E	MAX																																
	MIN																																

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.13	.22	.20	.24	.32	-	.21	.11	.22	.20	.11	.13	.20	.13	.23	.14	.03	.26	.10	.14	.11	.16	.11	.26	.02	.20	.16	.09	.18	.13		4.908
	WIND	34	38	17	45	54	24	16	5	20	33	27	18	15	16	14	26	76	84	27	28	17	16	8	13	41	-	1	6	5	2		7518
	MAX	84	85	87	90	89	81	86	94	78	80	72	76	78	85	83	80	83	80	80	81	82	96	98	96	92	77	87	82	83	90		84.5
	MIN	60	59	60	62	67	62	59	59	58	70	62	55	60	55	57	60	60	58	50	50	62	41	65	67	60	54	53	55	55	57		58.4
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.02	.23	.24	-	-	-	.09	.14	.25	.11	.07	.16	.22	.09	.19	.21	.14	.13	.12	.29	.10	.19	.15	.12	.19	.03	.16	.20	.13	.16		4.598
WOLF CREEK DAM	EVAP	.19	.13	.14	.07	.18	-	.19	.19	.11	.08	.09	.10	.11	.13	.18	.09	.09	.16	.04	.04	.03	.11	.21	.12	.09	.10	.12	.10	.17	.07		3.558
	WIND	18	20	13	24	36	22	8	4	13	19	13	13	9	9	12	8	14	59	17	10	14	4	0	1	7	10	10	11	5	7		410
	MAX	83	86	89	86	82	81	81	87	90	79	73	77	79	79	80	86	72	84	71	78	84	89	92	91	85	78	79	80	82	82		82.2
	MIN	58	61	61	59	61	67	52	51	62	64	59	57	57	57	59	57	63	64	59	59	65	65	67	67	67	61	53	52	53	53		59.7
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	.21	.16	.22	.26	.12	.27	.25	.18	.22	.13	.07	.10	.20	.17	.20	.13	.14	.15	.11	.06	*	.31	.10	.18	.15	.05	.10	.21	.15	-		4.768
	WIND	42	30	37	40	54	44	44	22	34	41	68	45	28	26	33	20	46	76	44	48	28	10	4	13	32	31	21	30	21	-		10478
	MAX	84	8[illegible]	86	91	76	85	85	88	91	79	72	68	80	84	86	87	76	78	65	74	-	76	91	93	89	69	79	83	80	-		81.3
	MIN	61	6[illegible]	62	62	66	62	59	62	65	61	58	55	55	54	52	59	63	62	55	55	-	55	62	66	66	55	54	56	53	-		59.1
* * * EASTERN 04																																	
BUCKHORN	EVAP	.20	.12	.15	*	*	.26	.21	.10	.22	.08	*	*	.32	.19	.15	.14	.13	-	-	-	.08	.14	.21	.16	.13	.15	.11	.07	.14	.12		3.988
	WIND	14	1[illegible]	22	8	13	31	16	9	21	21	36	25	16	15	12	18	10	6	16	2	3	8	11	9	18	18	9	14	17	16		450
	MAX	9[illegible]	86	88	94	76	78	87	89	91	81	80	69	82	87	89	92	82	77	72	73	90	95	94	95	91	82	73	83	85	82		84.4
	MIN	6[illegible]	67	65	74	67	67	63	63	65	66	63	65	60	59	60	64	64	65	60	61	65	70	70	69	68	63	57	57	59	58		63.8
DEWEY DAM	EVAP	.12	.11	.11	.09	-	-	.09	.12	*	*	.12	.05	.07	.08	.07	.11	.05	.08	-	-	.02	.07	.07	.10	.06	.07	.05	.02	*	.17		2.198
	WIND	5	12	11	5	2	3	10	8	4	5	11	6	10	12	9	8	2	5	4	3	5	7	6	7	2	6	8	10	10	9		205
	MAX	88	82	85	91	74	76	88	88	85	78	80	66	78	81	84	87	77	82	69	72	81	89	89	87	86	79	73	75	76	75		80.7
	MIN	60	65	61	66	65	68	62	63	63	62	63	58	58	62	62	63	65	63	60	60	60	64	66	67	66	63	54	54	54	60		61.9

DAILY SOIL TEMPERATURES

Station			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BAROSTOWN S J PREP SCH																																		
4	INCHES	MAX	77	77	78	80	76	76	76	86	78	74	71	71	71	72	74	73	71	72	71	72	76	75	76	77	76	77	72	73	72	72		74.7
		MIN	73	72	73	74	75	72	70	70	73	69	67	65	65	66	67	70	69	69	65	68	70	71	72	72	73	67	67	66	65	65		69.3
20	INCHES	5 PM	73	73	74	74	74	74	75	73	73	73	71	70	71	70	70	70	70	70	70	70	70	70	70	71	71	71	70	70	69	69		71.3
CAMPBELLSVILLE																																		
4	INCHES	MAX	76	76	78	76	77	77	75	77	73	70	71	72	72	75	80	71	75	69	71	75	85	85	76	75	72	72	71	75	75	71		74.8
		MIN	71	71	70	72	72	71	67	69	68	67	66	64	64	64	64	66	68	68	65	68	70	70	70	70	72	67	65	63	64	64		67.7
20	INCHES	6 PM	73	73	72	72	72	72	72	72	72	71	70	69	69	69	69	69	69	69	69	69	69	69	70	70	70	69	69	69	69	68		70.1
CUMBERLANO GAP PARK																																		
4	INCHES	MAX	75	73	73	75	71	72	73	71	70	71	69	71	70	70	70	69	67	70	67	84	70	72	72	72	72	71	71	68	68	67		71.1
		MIN	69	69	69	70	70	70	71	69	68	69	68	68	66	66	66	67	66	67	66	55	68	69	70	70	70	69	66	65	64	64		67.5
20	INCHES	5 PM	72	71	71	72	72	71	71	71	70	70	70	69	69	69	69	69	69	69	68	78	69	69	69	69	70	70	69	68	68	67		69.9
FLEMINGSBURG 1 SW																																		
4	INCHES	MAX	70	69	70	70	68	68	68	68	69	68	65	65	67	67	67	67	66	65	64	68	70	73	73	72	72	70	70	70	69	69		68.6
		MIN	64	67	66	67	66	66	64	64	66	65	63	62	61	62	63	64	65	59	63	64	65	66	67	67	68	62	62	62	62	62		64.1
20	INCHES	6 PM	71	71	71	70	70	70	70	70	70	70	69	68	68	67	67	67	67	67	68	68	67	67	67	68	68	68	68	68	68	68		68.5
GLASGOW WKAY																																		
4	INCHES	MAX	77	78	78	78	77	77	75	77	77	74	72	73	73	73	73	73	72	72	71	73	74	75	76	76	76	73	72	72	71	71		74.3
		MIN	71	71	71	73	73	72	69	70	71	69	68	66	66	66	68	69	68	68	65	68	69	70	71	70	72	69	67	66	65	65		68.9
20	INCHES	6 PM	73	73	73	73	73	73	73	73	72	72	71	70	70	70	70	69	69	69	69	69	70	70	70	70	70	70	69	69	68	68		70.6
GREENVILLE 2 W																																		
4	INCHES	MAX	80	80	79	79	77	80	81	80	80	76	73	74	75	76	77	74	74	74	73	75	76	80	78	79	77	74	75	77	75	75		76.8
		MIN	74	76	72	74	74	73	72	72	74	71	69	66	68	68	69	70	71	70	69	70	72	73	74	74	74	68	68	68	67	68		70.9
20	INCHES	5 PM	74	74	73	73	73	73	73	73	73	72	72	70	70	70	70	70	70	70	69	70	70	71	72	71	71	71	70	70	70	70		71.3
HENOERSON 7 SSW																																		
4	INCHES	MAX	76	76	77	77	76	76	76	76	76	75	74	74	74	74	74	74	72	72	73	73	75	76	76	77	76	74	73	72	72	72		74.6
		MIN	74	74	74	76	76	74	74	74	74	73	72	71	71	70	72	71	72	71	71	70	72	74	75	76	74	71	70	69	69	70		72.5
20	INCHES	6 PM	74	74	73	73	73	73	72	72	72	72	72	71	71	70	70	70	70	70	70	70	70	70	71	71	71	70	70	69	69	69		71.1
IRVINGTON																																		
4	INCHES	MAX	79	78	78	79	76	76	76	76	76	74	75	72	73	75	73	73	72	71	72	72	74	75	76	75	75	73	71	72	76	76		74.6
		MIN	75	73	74	75	75	75	71	71	71	72	70	67	68	68	69	70	70	70	68	69	71	71	72	72	72	68	68	67	67	67		70.5
20	INCHES	6 PM	73	73	72	72	72	72	72	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
LEXINGTON CAMPUS FARM																																		
BARE GROUNO																																		
1	INCH	MAX	82	87	92	73	82	82	85	89	80	72	69	78	82	87	89	80	79	67	76	84	86	88	86	86	67	81	84	86	86	86		81.7
		MIN	66	66	65	69	68	62	58	60	64	61	61	55	53	57	61	64	65	58	59	62	62	65	64	64	65	53	55	51	56	57		60.9
2	INCHES	MAX	80	85	89	73	80	80	82	86	78	71	68	76	81	84	86	78	77	66	73	83	84	86	83	34	69	79	81	83	83	83		79.7
		MIN	67	66	65	70	68	63	59	61	64	62	61	56	55	58	61	64	65	59	59	62	63	65	65	65	66	55	57	53	57	58		61.6
4	INCHES	MAX	77	81	83	73	76	77	78	81	75	70	67	72	75	78	80	75	74	67	70	77	80	81	79	79	71	75	75	77	78	77		75.9
		MIN	69	68	68	72	69	66	62	64	66	65	63	59	58	61	64	66	67	63	61	64	65	68	67	67	67	60	60	59	61	61		64.3
8	INCHES	MAX	75	77	78	73	74	74	74	75	72	69	67	69	70	72	74	72	71	68	68	72	74	75	74	75	72	71	70	72	72	72		72.4
		MIN	71	71	61	72	71	69	67	68	69	67	66	63	62	64	66	68	68	66	64	66	67	69	69	69	68	64	63	62	65	64		66.6
SOD																																		
1	INCH	MAX	74	76	78	72	75	75	76	77	74	70	67	71	72	73	74	72	73	67	69	75	75	77	75	75	71	72	70	71	71	70		72.9
		MIN	68	68	67	70	70	68	66	67	68	67	66	63	62	64	65	67	67	64	64	65	66	68	68	68	67	63	64	61	63	61		65.8
2	INCHES	MAX	73	75	77	72	74	74	74	75	72	70	68	70	71	72	73	71	72	67	68	73	74	76	74	73	70	71	69	70	69	69		71.9
		MIN	69	68	68	70	70	68	67	67	69	68	67	64	63	65	66	68	67	65	64	66	66	69	68	69	68	64	65	62	64	62		66.5
4	INCHES	MAX	73	73	75	72	73	73	73	74	72	70	68	69	69	71	72	71	71	68	68	71	72	74	73	73	69	70	68	69	69	68		71.0
		MIN	70	69	69	71	70	69	67	68	70	68	67	65	64	65	67	68	68	65	65	66	67	69	68	69	68	65	65	63	65	63		67.1
8	INCHES	MAX	72	72	72	72	71	72	72	72	71	71	69	68	68	70	70	70	70	69	68	68	70	71	71	71	70	70	67	68	68	67		70.0
		MIN	71	70	70	71	71	70	69	70	71	69	68	67	66	67	68	69	69	68	66	67	67	70	68	70	68	67	66	65	66	65		68.3
20	INCHES	7 PM	72	71	72	71	72	71	71	71	71	71	70	69	69	69	69	69	69	69	67	67	67	68	68	69	68	69	67	68	68	67		69.3
40	INCHES	7 PM	71	70	71	70	70	70	70	70	69	70	69	69	69	69	68	69	68	69	67	67	66	76	66	67	67	68	67	68	68	67		68.8
MAYFIELD RAOIO WNGO																																		
4	INCHES	MAX	79	78	77	77	75	76	79	78	78	77	76	76	74	-	-	75	76	74	73	75	75	78	79	78	76	77	76	76	75	75		76.4
		MIN	70	72	71	68	71	70	73	72	73	71	71	70	69	-	-	71	71	70	70	71	71	70	70	70	70	69	71	70	68	68		70.4
20	INCHES	5 PM	78	79	78	75	75	79	-	-	79	74	74	75	75	-	-	70	71	71	70	70	-	-	71	71	70	71	70	-	-	71		73.5
PRINCETON 1 SE																																		
4	INCHES	MAX	77	75	77	77	74	74	74	75	75	73	73	70	71	70	72	71	69	70	71	70	72	74	75	74	74	72	70	70	69	69		72.6
		MIN	72	70	72	74	74	72	70	72	73	70	70	67	67	67	69	69	69	69	68	68	70	72	72	72	72	67	67	66	66	66		69.7
20	INCHES	5 PM	73	73	73	73	73	73	73	73	73	72	72	71	70	70	70	70	70	70	70	70	70	70	71	71	71	71	70	69	69	69		71.1

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
QUICKSAND																																		
4	INCHES	MAX	76	76	78	78	73	76	77	75	77	74	72	70	71	73	80	75	71	71	70	74	76	77	77	78	77	75	72	72	72	71		74.5
		MIN	71	71	70	72	71	72	70	70	74	70	69	67	65	66	73	69	69	68	67	68	71	72	72	72	72	69	66	66	65	66		69.4
20	INCHES	4 PM	74	74	74	74	74	74	74	73	73	73	72	71	71	71	70	70	70	70	70	70	71	71	72	72	72	72	70	71	70	77		72.0
SANDY HOOK 5 NE																																		
4	INCHES	MAX	80	77	80	80	75	77	78	78	79	74	74	73	74	75	76	77	73	72	69	71	77	79	79	79	78	74	73	74	74	73		75.7
		MIN	73	71	70	73	71	72	72	70	70	70	69	67	65	66	68	69	70	69	68	66	71	72	72	72	71	68	66	65	65	65		69.2
20	INCHES	6 PM	75	74	74	74	74	74	73	73	73	73	72	71	71	71	71	71	71	71	70	70	70	71	71	72	74	71	71	71	71	70		71.9
SDMERSET 2 N																																		
I	INCH	MAX	77	79	79	78	74	77	77	77	76	74	73	73	73	75	74	78	72	72	68	73	76	78	78	77	76	74	72	72	72	72		74.9
		MIN	71	70	70	72	71	70	67	69	69	70	69	67	65	65	67	72	69	68	65	66	69	70	70	70	71	68	64	64	64	64		68.2
4	INCHES	MAX	76	77	77	77	74	76	75	76	75	73	72	72	72	73	74	73	71	70	68	72	74	76	76	75	74	73	71	71	72	70		73.5
		MIN	71	71	70	73	72	72	68	69	69	72	70	68	68	66	68	69	69	68	65	66	69	70	70	70	72	70	65	65	65	62		68.7
20	INCHES	6 PM	75	75	75	75	75	74	73	74	73	73	73	73	72	72	72	72	72	71	70	70	70	72	77	73	73	73	71	71	71	71		72.7
WILLIAMSTOWN 3 NW																																		
4	INCHES	MAX	74	72	73	72	72	72	72	73	73	71	70	69	69	70	72	71	70	70	69	71	73	74	75	75	74	73	70	71	71	70		71.7
		MIN	72	70	71	72	72	70	70	70	71	70	68	66	66	67	68	69	69	69	66	68	70	71	72	72	73	67	67	67	66	66		69.2
20	INCHES	6 PM	71	71	71	71	70	71	70	70	70	70	70	69	68	68	68	68	68	68	68	68	68	68	69	70	70	69	68	68	68	68		69.1

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN S.J. PREP SCHOOL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ↕	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GM	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 20	390				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		C GH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES P. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GM	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C MJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	450		6P			JOE RAY ALLEN
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		PHILLIP O. THACKER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK M. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		C G	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			KENTUCKY UTILITIES
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GODSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			WILLIAM F. BRAMBLETT
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GM	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	650	6P	6P		GH	WAYDE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			HONUS S SHAIN, JR.
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C MJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	375	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	5P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	EVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	116	5P	5P			WILLIAM H FOX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	625		7A		C	JOE M. [illegible]AYDEN
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
OLIVE HILL 2 WNW	6013	04	CARTER	7	38 19	83 12	895				C	CLOSED 8/2/68
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. [illegible]
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	[illegible]	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	[illegible]		7A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	6A	6A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	WM C JARRELL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY W WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TATHAM SPRINGS	7924	02	WASHINGTON	8	37 52	85 09	670				C	CHARLIE S. KAYS
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	880				C	JAMES D. BRADLEY
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A		CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
CLOSED STATION												
OLIVE HILL 2 WNW	6013	04	CARTER	7	38 19	83 12	895				C	CLOSED 8/2/68
NEW STATION												
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL

↕ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
B	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
OCTOBER 1968
Volume 63 No. 10

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CLIMATOLOGICAL DATA

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	71.4	43.6	57.5		85	15+	23	29	267	0	0	6	0	1.64		.59	17	.0	0		3	2	0
BEAVER DAM	71.4M	44.2M	57.8M		85	17	22	26	262	0	0	5	0	.60		.38	6	.0	0		2	0	0
FORDS FERRY DAM 50	69.6	47.0	58.3		84	16+	28	26	249	0	0	1	0	1.64	- .80	.60	18	.0	0		4	1	0
GILBERTSVILLE 1 SE	71.1	47.4	59.3		84	1	28	29+	225	0	0	2	0	1.99		.82	6	.0	0		5	2	0
GOLDEN POND 8 N	70.7	47.6	59.2		85	2+	32	29+	231	0	0	2	0	.64		.30	10	.0	0		2	0	0
GREENVILLE 2 W	71.9M	44.3M	58.1M	- 1.4	85	14	23	26	254	0	0	4	0	.93	- 1.55	.45	6	.0	0		3	0	0
HENDERSON 7 SSW	70.9	46.1	58.5	- 1.5	86	15	29	26	251	0	0	3	0	2.50	- .30	1.31	18	.0	0		5	2	1
HICKMAN 1 E	72.0	43.8	57.9		86	14	27	29	252	0	0	5	0	2.84		1.50	17	.0	0		3	2	1
HOPKINSVILLE	72.2	42.4	57.3	- 2.7	87	2+	24	27	274	0	0	6	0	1.71	- .71	.50	6	.0	0		5	1	0
LOVELACEVILLE	71.9	44.1	58.0	- 2.7	86	14	24	29	252	0	0	5	0	1.65	- 1.48	.56	6	.0	0		4	2	0
MADISONVILLE 1 SE	71.9	43.7	57.8		85	14+	25	26	258	0	0	5	0	1.19		.46	6	.0	0		3	0	0
MAYFIELD RADIO WNGO	74.7	44.5	59.6		88	15	26	29	211	0	0	5	0	2.33		.99	17	.0	0		3	2	0
MURRAY	69.6	45.3	57.5	- 3.4	82	16+	30	29+	266	0	0	3	0	2.10	- .77	.78	6	.0	0		4	2	0
OWENSBORO 2 W	71.7	45.5	58.6	- .8	86	15+	25	26	246	0	0	3	0	1.84	- .58	.80	6	.0	0		4	2	0
PADUCAH FAA AIRPORT	69.8	44.9	57.4		83	15+	28	29+	273	0	0	4	0	1.41		.37	17	.0	0		5	0	0
PADUCAH	72.0	46.8	59.4		84	15+	29	29+	223	0	0	2	0	1.75	- 1.04	.90	17	.0	0		5	2	0
PRINCETON 1 SE	72.7	46.1	59.4	- .6	88	12	24	26	233	0	0	5	0	1.67	- .93	.65	18	.0	0		3	2	0
ROCHESTER LOCK 3	69.6	42.0	55.8		83	2+	27	27+	303	0	0	6	0	1.09		.36	7	.0	0		4	0	0
RUSSELLVILLE	70.4	42.9	56.7	- 2.4	84	2	23	26	285	0	0	6	0	2.27	.02	.62	6	.0	0		4	3	0
DIVISION			58.1	- 1.9										1.67	- .94			.0					
* * *																							
CENTRAL 02																							
ANCHORAGE	69.5	44.9	57.2	- .4	84	14+	27	30	279	0	0	3	0	.90	- 1.66	.49	6	.0	0		3	0	0
BARDSTOWN NAZARETH COL	71.4	45.3	58.4		85	1	30	31+	256	0	0	3	0	1.45		.78	6	.0	0		4	1	0
BARREN RIVER RESERVOIR	70.6	44.0	57.3		87	2	26	27+	278	0	0	4	0	3.28		.86	7	.0	0		7	3	0
BOWLING GREEN FAA AP	70.3	45.0	57.7	- 2.3	86	1	28	26	261	0	0	5	0	2.20	- .18	1.20	6	.0	0		4	1	1
BRADFORDSVILLE	71.7	42.4	57.1		88	17	23	26	288	0	0	9	0	2.40		.81	3	.0	0		7	2	0
CAMPBELLSVILLE 2 SSW	71.5	44.9	58.2		87	15	26	30	246	0	0	5	0	2.16		.85	6	.0	0		4	2	0
CECILIA	71.3M	41.3M	56.3M	- 1.8	85	1	21	25	281	0	0	8	0	1.36	- 1.18	.62	6	.0	0		4	1	0
CLERMONT 1 SSE	72.5	42.8	57.7		89	15	25	30+	265	0	0	5	0	.83		.39	6	.0	0		3	0	0
GLASGOW WKAY	69.8	44.6	57.2		85	1	23	26	269	0	0	4	0	3.15		1.35	6	.0	0		7	2	1
GREENSBURG	72.0	41.9	57.0	- 1.1	87	3	26	30+	277	0	0	6	0	1.64	- .74	.72	7	.0	0		5	1	0
HODGENVILLE-LINCOLN NP	M	42.8	M		86	1	24	26		0	0	6	0	3.04		1.02	10	.0	0		4	4	1
IRVINGTON	71.6	43.4	57.5	- 1.7	86	17	21	26	272	0	0	5	0	.68	- 1.73	.47	6	.0	0		3	0	0
LEITCHFIELD 2 N	70.5	43.4	57.0	- 2.5	85	1	23	30+	272	0	0	4	0	1.27	- 1.38	.49	7	.0	0		4	0	0
LOUISVILLE	72.3	49.5	60.9		87	2	33	30	189	0	0	0	0	.77		.49	6	.0	0		2	0	0
LOUISVILLE WB AP R	68.9	45.8	57.4	- .5	84	1	29	30+	276	0	0	2	0	1.00	- 1.25	.39	6	.0	0		3	0	0
MAMMOTH CAVE PARK	71.5	43.2	57.4		86	2	21	26	268	0	0	8	0	1.64		.98	6	.0	0		4	1	0
NOLIN RIVER RESERVOIR	71.5	45.7	58.6		86	2+	25	26	251	0	0	3	0	1.32				.0	0				0
ROUGH RIVER DAM	70.2	42.9	56.6		85	17+	25	27	295	0	0	5	0	1.03		.27	19	.0	0		5	0	0
SCOTTSVILLE 3 SSW	70.8	48.8	59.8		87	1	29	26	206	0	0	2	0	4.55		1.77	3	.0	0		6	3	2
SUMMER SHADE	69.2	43.0	56.1		84	2+	23	26	296	0	0	7	0	3.95		1.61	3	.0	0		6	2	2
WOLF CREEK DAM	71.2	43.1	57.2		86	2	26	26	271	0	0	5	0	3.87		1.27	7	.0	0		6	4	1
DIVISION			57.6	- 1.3										2.02	- .45			.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	70.5	48.0	59.3	.3	84	1	31	30+	224	0	0	3	0	2.52	.35	1.13	6	.0	0		4	2	1
CARROLLTON LOCK 1	70.2	44.5	57.4		89	14	27	30	273	0	0	3	0	1.21	- 1.14	.40	25	.0	0		4	0	0
COVINGTON WB AIRPORT R	67.0	44.7	55.9	- .2	83	15+	25	30	316	0	0	3	0	1.35	- .91	.59	6	.0	0		4	1	0
CYNTHIANA 2	69.9	41.2	55.6		86	2	23	30	320	0	0	7	0	1.85		.85	7	.0	0		3	1	0
DANVILLE	69.5	44.5	57.0		85	2	31	31+	281	0	0	4	0	2.22	.08	.71	7	.0	0		5	2	0
DIX DAM	70.0M	45.0M	57.5M		82	17+	28	30	257	0	0	2	0	1.56		.93	7	.0	0		3	1	0
FALMOUTH 5 WNW	69.6	39.7	54.7		85	1	21	30	334	0	0	11	0	1.38	- .85	.64	7	.0	0		3	1	0
FARMERS 1 WNW	69.7	43.6	56.7	- .3	84	15	25	30	277	0	0	4	0	2.79	.53	1.02	3	.0	0		4	3	1
FLEMINGSBURG 1 SW	67.8	44.3	56.1		83	14+	26	30	299	0	0	3	0	2.12		.77	6	.0	0		5	1	0
FRANKFORT LOCK 4	69.1	42.5	55.8	- 2.4	85	2	27	30	309	0	0	3	0	1.88	- .49	.78	7	T	0		4	2	0
LEXINGTON WB AIRPORT R	67.3	45.8	56.6	- 1.5	83	1	29	30	296	0	0	2	0	2.57	.29	.88	6	.0	0		7	2	0
MAYSVILLE SEWAGE PLANT	68.2	43.9	56.1	- 1.0	85	2	29	30	306	0	0	2	0	1.75	- .59	.87	7	.0	0		4	1	0
MOUNT STERLING	70.7	46.0	58.4		84	2+	31	30	244	0	0	3	0	2.67	.42	1.01	3	T	T	28	5	2	1
OWENTON 2 S	70.3	41.9	56.1		85	14	23	30	299	0	0	9	0	1.28		.50	6	.0	0		5	1	0
RICHMOND	68.8	45.3	57.1		85	2	28	26	288	0	0	3	0	2.40		1.06	7	.0	0		5	2	1
SHELBYVILLE	67.5	43.3	55.4	- 3.2	82	16+	28	27+	330	0	0	6	0	1.09	- 1.40	.39	7	.0	0		3	0	0
WARSAW MARKLAND DAM	68.1	42.2	55.2	- 2.9	84	16+	27	31+	331	0	0	3	0	1.24	- 1.04	.56	7	.0	0		4	1	0
WAYNESBURG 7 NE	68.9	45.5	57.2		83	1	27	30+	260	0	0	3	0	3.70		1.75	7	.0	0				1
WILLIAMSTOWN 3 NW	68.0	46.7	57.4	- 1.0	83	15+	31	30	269	0	0	1	0	1.29	- 1.08	.58	6	.0	0		3	1	0
DIVISION			56.6	- 1.8										1.94	- .35			T					
* * *																							
EASTERN 04																							
ASHLAND	68.3	42.8	55.6	- 3.2	84	18+	29	31	313	0	0	3	0	3.59	1.69	.95	4	.0	0		5	4	0
BARBOURVILLE	70.4	42.5	56.5		85	14	24	31+	289	0	0	7	0	2.37		.88	19	.0	0		7	1	0
BAXTER	69.1	42.8	56.0		84	15	26	31+	297	0	0	7	0	2.96		1.25	19	.0	0		5	2	1
BLAINE 2 W	69.7M	39.2	54.5M		85	18	25	31	328	0	0	11	0	4.71		1.30	3	.0	0		7	4	3
CUMBERLAND	70.9	41.1	56.0		85	14	24	30+	286	0	0	5	0	2.99		1.00	18	.0	0		6	2	1

CLIMATOLOGICAL DATA

Continued

Station	Temperature									No. of Days				Precipitation				Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	67.0	43.6	55.3		84	18	27	30+	307	0	0	4	0	4.03		1.55	19	.0	0		6	3	1
GRAYSON 3 SE	68.2	40.8	54.5		84	16	26	31	334	0	0	6	0	2.49		.90	7	.0	0		5	2	0
HEIDELBERG LOCK 14 R	71.8	43.4	57.6		84	2	25	30	250	0	0	6	0	4.39	2.36	1.52	7	.0	0		7	3	2
HINDMAN 11 NNE	68.8	38.9	53.9		85	18	25	31+	344	0	0	6	0	3.26		1.68	19	.0	0		7	2	1
HYDEN	68.7M	40.9M	54.8M		85	2	25	31+	326	0	0	7	0	3.05		1.10	19	.0	0		5	3	1
JACKSON	69.3	43.6	56.5		85	17	26	30	293	0	0	5	0	3.30		1.18	7	.0	0		4	2	1
LONDON FAA AP	67.5	42.3	54.9		83	1	25	30	318	0	0	6	0	3.78		1.11	6	.0	0		8	4	1
MANCHESTER 4 SE	71.8	42.8	57.3		84	14+	23	30	251	0	0	5	0	2.82		.87	19	.0	0		7	3	0
MC KEE	67.9	39.4	53.7		85	17	23	30	353	0	0	11	0	4.59		1.79	7	.0	0		7	3	1
MIDDLESBORO	68.0	43.6	55.8		81	17+	24	30	295	0	0	5	0	2.77		.95	19	.0	0		5	2	0
MONTICELLO	71.3	44.9	58.1		88	1	24	26	248	0	0	4	0	3.04		1.64	7	.0	0		7	1	1
MOUNT VERNON	71.2	44.8M	58.0M		84	1	25	30	252	0	0	2	0	5.09		1.89	6	.0	0		5	4	2
PIKEVILLE	72.0	45.5	58.8		87	14+	27	30	221	0	0	4	0	3.11	1.02	1.05	19	.0	0		9	2	1
SOMERSET 2 N	70.2	43.0	56.6		84	1	23	30	271	0	0	6	0	5.59		2.23	3	.0	0		6	3	2
STEARNS	65.4M	44.7M	55.1M		82	2	26	30	322	0	0	5	0	2.47		.76	19	.0	0		6	2	0
TOMAHAWK 1 WSW	67.6	38.9	53.3		82	18	25	31+	360	0	0	8	0	4.27		1.64	19	.0	0		6	3	2
VANCEBURG	66.5M	40.1	53.3M		84	17	25	31+	366	0	0	11	0	1.89	- .39	.97	6	.0	0		4	1	0
WEST LIBERTY	70.3	39.7	55.0		89	10	24	31+	324	0	0	6	0	4.74		1.75	7	.0	0		8	4	1
WILLIAMSBURG 1 E	73.5	45.5	59.5	.4	85	1	28	26	217	0	0	6	0	3.11	.76	1.17	28	.0	0		6	3	1
DIVISION			55.9	- 2.4										3.52	1.24			.0					

SPECIAL WEATHER SUMMARY

Temperatures for the month as a whole averaged slightly below normal statewide, and rainfall varied from light to heavy. No storms of consequence were reported. Early morning readings on the 5th were freezing or below in most sections, some 6 to 26 days earlier than the average date of first fall temperature of 32° or lower. These were near-record or record low readings for the date in many sections.

Precipitation in general was below average in the west and north and near or above average in most other sections. Totals were below 1 inch at a number of locations in the northern portions of the Central and Western Divisions and at several locations in the extreme southeast. Totals were above 4 inches at a number of locations in the south-central and eastern sections of the State.

Allen B. Elam, Jr.
ESSA-Weather Bureau State Climatologist
Room 205, Agricultural Experiment Sta.
Agronomy Dept., University of Kentucky
Lexington, Kentucky 40506

EXTREMES

HIGHEST TEMPERATURE 3 STATIONS	89	DATE	15+
LOWEST TEMPERATURE 4 STATIONS	21	DATE	30+
GREATEST TOTAL PRECIPITATION 2 STATIONS	5.59		
LEAST TOTAL PRECIPITATION DUNDEE 4 ESE	.58		
GREATEST 1 DAY PRECIPITATION BURKESVILLE 2 W	2.35	DATE	07
GREATEST TOTAL SNOWFALL 2 STATIONS	T		
GREATEST DEPTH OF SNOW MOUNT STERLING	T	DATE	28

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station	Total	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	1.64		T				.56			.27	.07			.03	.04			.59	.01						.07				T			
BEAVER DAM	.60						.38				.20				T				.02													
CALHOUN LOCK 2	1.06			T			.39	.05			.35							.27														
COBB	2.43						.58	T			.33				.40		T		1.12													
DAWSON SPRINGS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
DUNDEE 4 ESE	.58						.32	.08			.12								.06													
DUNMOR	1.06			.09			.47	.10			.17		.07	.04					.10							.02						
ELKTON 2 S	2.08			.12	.11		.44	.38			.28		.07	.10	.42	T		T	.12	.02						.02						
FORDS FERRY DAM 50	1.64						.48	.07			.32							.17	.60						T							
FRANKLIN 1 E	2.76		.02	.67	.37		.46	.73			.39			.09				T	.03						T							
GILBERTSVILLE 1 SE	1.99	T	T		T	T	.82		T	.28	.18		T	T	.16	T	T	.04	.50	T	T	T		T	.01	T	T			T	T	T
GOLDEN POND 8 N	.64			T				.06			.30							.03	.25													
GREENVILLE 2 W	.93						.45				.31								.17													
HARTFORD 6 NW	.90		.02				.36				.25					.18			.09													
HENDERSON 7 SSW	2.50		T				.64			.17	.13							.23	1.31						.02				T			
HICKMAN 1 E	2.84						.90			.27	.05			T			T	1.50	.05						.07							
HOPKINSVILLE	1.71			.33			.50	.37			.34		.06		.01				.10													
LOVELACEVILLE	1.65						.56			.30				.25				.50							.04							
MADISONVILLE 1 SE	1.19						.46				.32								.41													
MAYFIELD RADIO WNGO	2.33							.85			.39	T			.08		T	.99	T						.02							
MURRAY	2.10			.27			.78				.29				.03			.06	.67													
OWENSBORO 2 W	1.84						.80	.10			.32								.62						T							
OWENSBORO DAM 46	1.81						.63	.22			.30				T			T	.66						T					T		
PADUCAH FAA AIRPORT	1.41					.18	.34			.26		T		.20				.37							.06							
PADUCAH	1.75						.50			.10	.15				.10			.90							T							
PARADISE STEAM PLANT R	.78			.02			.35	.05			.15					.07			.14													
PRINCETON 1 SE	1.67						.53				.45				T			.04	.65						T							
ROCHESTER LOCK 3	1.09			.25			.14	.36			.14					.09			.07							.04						
RUSSELLVILLE	2.27			.08			.62	.55			.27		.01	.60					.07	.02						.05						
SEBREE	2.83						.95				.39				.04				1.45													
UNIONTOWN DAM 49 //	1.28						.16	.04			.28				T				.80						T	T						
• • • CENTRAL 02																																
ADDISON DAM 45 //	.62			.05			.25	.27			.01								.02	T						.02						
ALBANY 4 N	3.80			.11	.67		.63	1.81			.20								.29	.09												
ANCHORAGE	.90			.12			.49				.19								.09							T			.01			
BARDSTOWN NAZARETH COL	1.45		.15	.30			.78				.10								.05						.02	.05						
BARREN RIVER RESERVOIR	3.28		.02	.54	.56		.33	.86			.28	.03		.35					.28	.03					T	T						
BOWLING GREEN	2.51			.10	.07		.10	1.27			.30			.55				.05	.07							T						
BOWLING GREEN FAA AP	2.20		.02	.14			1.20	T		.38	.05	T	.33		T		.02	.01	.01						.04							
BRADFORDSVILLE	2.40			.81			.62	.20			.27		.24						.16						T	.10						
BROWNSVILLE	2.02			.50	T		.28	.89			.20		.02	.04					.09	T						T						
BURKESVILLE 2 W	5.06			.55	1.33			2.35			.28	T	.15						.34	.02						.04						
CAMPBELLSVILLE 2 SSW	2.16		.05	.66			.85	.07			.28		.08	T				T	.14	.01					T	.02		T				
CANEYVILLE	1.61			.58			.21	.33			.13					.17			.19													
CECILIA	1.36		.26				.62				.08		.30		T			T	.10						T			T				
CLERMONT 1 SSE	.83		.01	.09			.39	.02			.13		.02						.06						.01	.10			T			
EDMONTON	3.99			.82	1.08		.15	1.35			.25	.05		.15					.14													
GAMALIEL 1 S	5.59		.66	.72	.78		.43	2.11			.35	T				.18		T	.29	.03					.04	T						
GLASGOW	3.23			.56	.35		.60	.70			.40			.35					.25							.02						
GLASGOW WKAY	3.15		.11	.64			1.35				.42		.36				T	.11	.14						.01	.01						
GLENDALE 1 E	1.44			.55			.15	.53			.06		.10						T							.05						
GREENSBURG	1.64			.17			.25	.72			.29		.05						.11	.02					.01	.02						
GREENSBURG HIWAY 61	1.59			.19			.25	.67			.24	T	.03						.09	.05					.05	.02						
HODGENVILLE-LINCOLN NP	3.04		.02	.06			.80	.01			1.02		.60						.50							.03						
IRVINGTON	.68						.47				.10								.11													
LEITCHFIELD 2 N	1.27		.01	.39			.12	.49			.07		.06						.13					T								
LIBERTY	3.32			.54	.20		.11	1.42			.24	.01	.12	.39					.23	.05						.01						
LOUISVILLE	.77			.09			.49	T			.04								.10						.02	.03						
LOUISVILLE WB AP R	1.00		.01	.31		T	.39			.03	.09							T	.10						.07	T			T			
LOUISVILLE UPPER GAGE	.80			T			.08	.33			.04								.19	.07					T	.09						
MAMMOTH CAVE PARK	1.64			.28	T		.98	.03	T	T	.17	T	.11						.04						T	.03						
MILLERSTOWN	1.60		.48	.03			.19	.64			.13								.10						.03							
MUNFORDVILLE	2.52			.71	T			.90			.14		.31	.06		T			.30	T					T	.10						
NOLIN RIVER RESERVOIR	1.32		T	.11			*	.93			.07			.04	.02					.09						.06						
ROUGH RIVER DAM	1.03			.07			.15	.15			.04					.25			.10	.27				T	T	T				T		
SCOTTSVILLE 3 SSW	4.55		.07	1.77			1.53				.51				.29			.18	.20													
SCOTTSVILLE 2 SW	3.53			.65	.95		.45	.55			.40	T			.05	.20			.25	T					T	.03						
SHEPHERDSVILLE	.68			.26			.20				.14		T						.05						T	.03						
SUMMER SHADE	3.95			1.61			1.56				.23		.04			.03	.12	.12	.08						T	.16						
WOLF CREEK DAM	3.87			.57	.69		.88	1.27			.15		.03						.23	.02						.03						
WOODBURY LOCK 4	1.67		.29	.04			.20	.45			.17		.22						.30	T						T						
• • • BLUE GRASS 03																																
BEREA COLLEGE	2.52			.64			1.13	.08			.09		.10					.07	.35	.06					T							
BEREA	2.47			.34	.31			1.09			.09	.03		.08				T	.18	.33						.02				T		
CARROLLTON LOCK 1	1.21			T			.22	.35			.07			.06					.10	.01					T	.40	T			T		
COVINGTON WB AIRPORT R	1.35			T		T	.59			T	.22						T	.05	.12						.30	.05			.02			
CYNTHIANA	2.02			.34	.06		T	.92			.34	.11						.01	.14	.08						.02	T			T		
CYNTHIANA 2	1.85			.44			.07	.85			.29							.03	.09	.05						.03						
DANVILLE	2.22			.54	.06		.08	.71			.26		.20	.09				T	.21	.04						.03			T			
DIX DAM	1.56							.93			.27		.04	.02				T	.30						T							
FALMOUTH 5 WNW	1.38			.12			T	.64			.09	.02	.06					T	.24	.09						.09	.03			T		
FARMERS 1 WNW	2.79			1.02	.04			.85			.05	.03		.05					.16	.52				T		.03	.04					
FLEMINGSBURG	2.27			.59	.08			.84			.16	.04	T						.14	.42						T				T		
FLEMINGSBURG 1 SW	2.12		.10	.45			.77	.05			.16		.01					.09	.47	.02					T	T			T			
FORD LOCK 10	2.28			.29	.14		T	.94			.12	.03	T	T				T	.28	.40						.08				T		
FRANKFORT LOCK 4	1.88			.70	T		.07	.78			.14		T					T	.12	.04					T	.03	T			T		
GEORGETOWN WATER WORKS	2.54			.87				.92			.38								.25	.04						.08						
GEST LOCK 3	1.11			.20			.05	.49			.18		T	T					.10	.04					T	.05	T					
HIGH BRIDGE LOCK 7	.87			.16	.01		.05				.38		.04	.04				T	.16	.03						T				T		
KEENE 1 SSW	2.21			.40				.92			.51		.12					.09	.17													
LA GRANGE 1 ESE	.94	T					.50	.02			.11							T	.13						.08	.10			T			
LANCASTER	2.77			.86				1.09			.20			.27					.19	.16												
LEXINGTON WB AIRPORT R	2.57		.30	.41			.88	T		T	.54	T	.15					.16	.10				T		.03	T			T			
LITTLE HICKMAN LOCK 8	2.64			1.05	.05		.05	.74			.23		.08	.06					.26	.12												
LOCKPORT LOCK 2	1.21			.18			.07	.53			.17		.02						.15	.04					T	.05				T		
MAYSVILLE SEWAGE PLANT	1.75			.30			T	.87			.28			T				.09	.17							.04				T		
MIDWAY	3.17			1.32				1.30			.30							T	.22							.03						
MOUNT STERLING	2.67		.02	1.01			.84				.10		.12					.03	.49						.06	T			T			
OWENTON 2 S	1.28			.17			.50	.12	T		.26	T	.02						.11						.03	.04			.01	.02		
RICHMOND	2.40			.51			.07	1.06			.10		T	.06				.03	.40	.17										T		
SALVISA LOCK 6	2.77			.71			.11	.96		T	.41		.16	.03				.05	.19	.12	T		T		T	.03						
SHELBYVILLE	1.09			.20			.06	.39	T		.25		.05						.08	T						.06				T		
SPRINGFIELD	1.86		T				T	1.09			.39		.38						T													
TAYLORSVILLE	1.38			.35			.10	.47			.18								.07	.02						.15	T			.04		
TYRONE LOCK 5	2.09			.31	T		.07	.91			.28		.23						.22	.04						.03	T			T		
VALLEY VIEW LOCK 9	1.77			.07	.16		.05	.79			.22	.01	.03	.04	.01			T	.20	.16						.03				T	T	
WARSAW MARKLAND DAM	1.24			T				.56			.14	T							.16	.05						.33						

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	3.70			*	.85			1.75			T	.21		.41					.20	.28												
WILLIAMSTOWN 3 NW	1.29			.18			.58	.03			.21		.02	.02				T	.09			.02			.04	.08	.02		T			
* * *																																
EASTERN 04																																
ASHLAND	3.59			.70	.95			.90			.03	.08	.06						.04	.66							.06		.11			
BARBOURVILLE	2.37		.15	.19	.26			.36			.22	.05	T	.04					.13	.88						T			.09			
BAXTER	2.96			.23	.44			.58			.09	.04		.02	T				.04	1.25						.02			.23	.02		
BLAINE 2 W	4.71			1.30	1.05			1.13				.10			.20					.73									.20			
BUCKHORN	3.00		.08	.33	.72			.70			.09	.02	.03	.18					.05	.55						T	T		.25	T		
BURDINE 2 NE	3.30		.62	.10				.80						.08	.30				.10	1.20						.10						
CLAY CITY 1 WNW	2.80			.55	.25			1.05			.05	.05	.05	.10					.10	.40						.20						
COLLEGE HILL LOCK 11	2.58			.40	.32		T	1.06			.08	.02	.06	.03				.03	.16	.36						.06				T		
CUMBERLAND	2.99		.12	.93			.07	.11			.04	.01						.02	1.00	.32	.03					.02			.32			
CUMBERLAND FALLS ST PK	2.41		.07	.48			.53	T			.30	.02	.07						.70						.03				.20	.01		
DEWEY DAM	4.03			.17	.91			.95			T	.08	T	T				T	.12	1.55						.05	.05		.15			
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOURMILE KY UTIL PARK	2.71		.02	.01	.75			.66			.18	.05							.04	.82									.18			
FREEBURN 2 SW	2.11			.05	.20			.45	.03			.02						.02	.02	1.15										.17		
FRENCHBURG	3.02			.53			.08	1.00			.01	.10		.06			.51	.06								.64				.03		
GRAYSON 3 SE	2.49			.44	.10			.90			.06	.08	.11						.04	.71						T	T		.05			
HAZARD WATER WORKS	3.26			.77	.38			.53			.09			.07					.06	1.36												
HEIDELBERG LOCK 14 R	4.39			.28	1.16		T	1.52	T		.12	T		.24	.08				.19	.80						T			T	T		
HINDMAN 11 NNE	3.26			.26	.28			.60							.06				.10	1.68							.10		.18			
HYDEN	3.05			.42	.53			.60		T	.07	.06	.04			.02			.04	1.10						.03			.12	.02		
JACKSON	3.30		T	.49	.88			1.18	T		.09			.04					.05	.48						T	T		.08	.01		
JEREMIAH	.79			.15				.10												.54												
LLOYD GREENUP DAM	1.91			.16	.25			.96	T		.03	.08	.12	T					.06	.25						T						
LONDON FAA AP	3.78		.20	.50			1.11	T			.15		.69					.16	.75						T	T		.22	T			
LOUISA 2	4.01			.52	1.09			1.00			.02	T		.04			T	.04	.02	1.19									.09	T		
MANCHESTER 4 SE	2.82			.40	.50			.60			.10			.17						.87									.18			
MARTIN	3.32			.58				.65												1.65							.25		.19			
MC KEE	4.59			.43	.73		T	1.79			.12	T	.08	.49					.25	.70						T			T			
MIDDLESBORO	2.77		T	.11	.48			.78			.04	T							.06	.95						T			.35			
MONTICELLO	3.04			.13	.39		.19	1.64		.01	.17		.01	.04					.10	.30						.06						
MOUNT VERNON	5.09			1.65			1.89	.07			.24		.53						.62	.09					T							
ONEIDA	3.10		.03	.37	.48			.90				.11		.30					.13	.48									.30			
PAINTSVILLE 1 S	4.49			.37	.69			1.67	T			.05		.04	.03				.05	1.28							.05		.22	.04		
PIKEVILLE	3.11		.26	.20			.32	.14			.04		.02				.11	.02	.67	1.05					T	.10	T		.18			
RAVENNA LOCK 12	3.09			.50	.46		.02	1.25			.10	.02	T	T					.14	.60						T						
SALYERSVILLE 2 SE	4.01			.78	1.02			1.22				.11								.76									.12			
SOMERSET 2 N	5.59		.18	2.23			1.99	.05			.22		.22					.04	.66						T							
STEARNS	2.47			.20	.36			.63	T		.14			.24				T	.05	.76						T	T		.09	T		
TILFORD	1.13			T	.68		.17	.22				T	.02	.03					T						.01				T			T
TOMAHAWK 1 WSW	4.27			.28	.85			1.16	.02		T	.05		.05					T	1.64							.10		.12			
VANCEBURG	1.89		.02	.03			.97	.01					.26						.35	.25					T	T						
WEST LIBERTY	4.74			.75	.56			1.75			.10	.20	.30	.30					.05	.65				T		.02	.04		.02	T		
WILLIAMSBURG 1 E	3.11			.25				.65			.20			.07					.11	.66									1.17			
WILLOW LOCK 13	3.59			.29	.79		T	1.24			.13			.12	T				.25	.75						.02			T	T		

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	21	2.9	6.2	20++	22	27+	79	83	55	67	4	3	3	1	0	0	11	-	6.0
LEXINGTON WB AIRPORT	20	2.9	7.1	22++	23	27	74	81	54	62	6	1	5	2	0	0	14	-	5.5
LOUISVILLE WB AIRPORT	23	2.1	6.8	29	NW	03	75	83	52	57	4	4	3	0	0	0	11	67	5.7

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	85	85	71	65	66	59	64	70	75	66	71	80	85	84	85	82	76	67	72	75	78	72	61	63	55	66	67	59	55	72	83	71.4
	MIN	50	64	55	34	31	47	50	38	42	44	42	54	54	60	58	56	64	42	35	37	36	50	32	48	30	26	40	38	23	29	42	43.6
BEAVER DAM	MAX	84	82	79	64	64	62	61	71	75	70		79	80	84	84	80	85	78	70	73	73	72	71	61	56	61	67	56	52	65	82	71.4
	MIN	52	62	56	32	27	47	49	39	46	48		58	55	61	58	54	61	52	33	34	33	50	32	45	35	22	39	36	37	27	45	44.2
FORDS FERRY DAM 50	MAX	83	83	73	61	66	58	61	70	76	65	71	79	83	84	80	84	72	68	71	73	75	72	61	60	51	62	64	50	53	69	81	69.6
	MIN	57	67	45	40	36	51	46	44	50	47	48	59	59	64	61	63	58	47	41	42	41	49	38	42	34	28	48	36	34	35	48	47.0
GILBERTSVILLE 1 SE	MAX	84	82	81	64	65	63	61	69	75	71	67	80	82	83	82	79	79	71	72	75	74	72	69	60	52	65	65	58	54	68	82	71.1
	MIN	56	65	56	34	36	51	52	42	50	48	45	60	59	62	62	59	65	47	39	40	41	57	36	47	34	28	47	39	28	35	50	47.4
GOLDEN POND 8 N	MAX	85	85	83	68	62	66	58	60	71	76	68	68	78	82	83	84	80	82	70	73	75	75	75	65	61	52	67	68	47	56	70	70.7
	MIN	58	60	58	46	40	43	54	46	46	51	50	52	60	61	63	59	65	53	43	45	45	45	40	42	35	32	37	39	32	35	40	47.6
GREENVILLE 2 W	MAX	84	80	78	63	66	64	61	74	76	73	74	80	82	85	84	81	84	75	72	74	77	74	69	63	51	63	68	58	54	69		71.9
	MIN	52	66	56	33	28	49	51	37	44	48	44	58	54	61	56	53	62	52	35	36	33	55	33	44	33	23	40	35	32	27		44.3
HENDERSON 7 SSW	MAX	84	82	79	60	64	58	60	72	74	67	71	81	82	84	86	81	79	71	73	74	74	73	67	61	53	62	66	57	55	67	80	70.9
	MIN	57	63	53	35	32	49	50	37	48	43	45	56	60	64	63	57	65	47	39	43	36	56	37	36	34	29	46	37	31	33	47	46.1
HICKMAN 1 E	MAX	84	84	73	67	66	60	67	77	76	67	70	74	84	86	85	82	75	69	73	75	78	73	67	60	55	68	67	60	57	72	82	72.0
	MIN	53	54	55	35	32	48	50	40	44	45	42	50	56	63	58	54	63	41	35	36	38	53	33	46	29	28	42	36	27	32	41	43.8
HOPKINSVILLE	MAX	87	87	81	72	64	67	58	61	75	76	71	73	81	81	85	84	80	81	71	74	78	78	76	68	66	54	66	70	47	56	70	72.2
	MIN	51	53	61	37	33	33	50	43	43	46	48	53	56	57	59	55	55	51	39	37	38	38	36	36	30	26	24	36	29	29	31	42.4
LOVELACEVILLE	MAX	83	83	78	64	65	59	64	71	75	69	68	81	84	86	85	83	74	69	72	76	79	73	65	61	54	67	67	60	57	75	83	71.9
	MIN	52	63	55	34	32	50	51	39	43	43	43	56	55	60	57	55	65	42	33	36	38	50	33	48	32	26	38	38	24	30	47	44.1
MADISONVILLE 1 SE	MAX	85	81	78	69	65	63	63	73	76	73	70	80	82	85	84	82	80	76	72	73	76	73	69	61	54	62	68	58	49	68	81	71.9
	MIN	51	64	55	34	29	47	49	38	43	45	41	55	55	61	58	52	63	49	36	38	34	52	34	43	32	25	40	34	31	27	41	43.7
MAYFIELD RADIO WNGO	MAX	84	85	82	75	66	62	68	72	79	72	72	78	85	87	88	87	77	73	74	81	81	78	71	67	66	67	70	50	59	75	85	74.7
	MIN	49	63	58	34	30	49	48	39	44	43	40	53	56	60	58	54	61	41	37	38	40	51	41	49	31	27	40	40	26	31	48	44.5
MURRAY	MAX	82	82	80	66	59	65	68	60	67	74	65	69	79	81	82	82	80	78	67	70	74	75	74	63	61	51	65	67	47	55	71	69.6
	MIN	55	57	59	39	36	39	52	42	43	49	48	52	59	61	61	57	59	49	41	42	42	44	38	38	35	30	31	40	30	35	40	45.3
OWENSBORO 2 W	MAX	85	83	76	63	66	62	60	72	75	70	74	81	83	86	86	82	84	70	73	73	75	74	67	62	52	62	66	55	54	69	83	71.7
	MIN	53	62	55	35	30	49	50	43	47	46	47	58	57	63	58	57	66	52	36	38	35	49	34	45	38	25	40	35	33	29	45	45.5
PADUCAH FAA AIRPORT	MAX	82	83	71	62	63	58	61	69	76	66	69	79	82	83	83	82	72	67	71	75	78	72	61	59	53	65	65	47	55	72	82	69.8
	MIN	55	65	42	36	33	50	44	40	48	46	44	58	55	61	59	59	58	44	38	40	40	46	36	41	32	28	47	31	28	33	55	44.9
PADUCAH	MAX	84	82	82	65	65	63	62	69	77	67	69	80	84	84	84	83	79	71	72	75	77	73	69	60	53	66	66	60	56	72	82	72.0
	MIN	54	65	55	37	35	51	52	42	47	46	44	59	57	61	60	59	65	44	38	40	41	58	36	48	35	29	45	39	29	33	46	46.8
PRINCETON 1 SE	MAX	86	82	80	65	66	64	62	73	77	74	68	88	84	85	84	82	81	73	72	75	76	75	70	62	53	64	67	61	53	70	82	72.7
	MIN	53	65	55	37	30	50	51	39	47	47	45	59	58	63	63	60	66	48	36	39	38	55	34	46	31	24	44	36	29	32	48	46.1
ROCHESTER LOCK 3	MAX	83	83	79	68	60	65	58	61	73	74	69	75	79	82	81	82	79	82	70	70	73	75	73	64	60	49	62	66	41	54	67	69.6
	MIN	51	53	59	36	31	31	51	40	41	45	45	49	54	55	56	53	53	54	38	39	34	36	38	38	39	27	27	39	34	28	29	42.0
RUSSELLVILLE	MAX	83	84	80	69	61	65	58	62	73	74	75	75	79	75	82	82	80	80	69	74	75	76	73	65	60	53	61	68	51	54	66	70.4
	MIN	50	50	64	33	29	32	51	41	46	52	49	55	59	61	63	55	55	53	37	37	35	35	34	35	33	23	24	39	32	29	39	42.9
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	84	82	77	59	65	55	57	71	73	68	71	76	80	84	83	83	81	67	69	71	71	71	66	58	56	60	66	61	51	60	79	69.5
	MIN	54	65	46	35	31	48	50	42	49	48	44	58	58	60	58	58	64	53	37	35	35	48	35	35	39	28	39	37	38	27	39	44.9
BARDSTOWN NAZARETH COL	MAX	85	84	77	62	66	65	58	74	73	73	76	77	82	84	83	83	82	78	69	73	72	71	69	60	55	58	67	62	52	62	80	71.4
	MIN	54	62	57	38	30	47	50	39	47	49	42	61	58	61	60	59	62	54	36	40	34	46	36	38	33	30	39	36	36	39	30	45.3
BARREN RIVER RESERVOIR	MAX	85	87	86	70	60	66	60	65	75	73	68	78	75	82	84	84	79	84	64	69	75	74	74	66	60	53	60	68	48	54	64	70.6
	MIN	50	55	66	36	33	32	33	46	46	55	54	58	58	60	62	52	54	54	39	38	38	43	37	36	35	26	26	37	32	35	37	44.0
BOWLING GREEN FAA AP	MAX	86	83	73	61	66	59	63	76	73	70	76	76	80	82	84	77	84	67	70	75	74	74	65	59	50	61	67	48	53	66	81	70.3
	MIN	51	64	46	36	31	50	48	43	48	53	55	62	55	61	59	55	62	47	40	39	36	45	36	38	29	28	39	39	31	29	41	45.0
BRADFORDSVILLE	MAX	84	87	85	70	61	69	51	62	77	77	73	78	77	83	85	86	88	81	64	69	75	74	74	66	63	51	68	67	48	53	76	71.7
	MIN	50	58	62	31	27	38	51	39	47	51	47	59	52	55	52	52	61	58	42	34	31	41	32	35	36	23	30	28	37	24	31	42.4
CAMPBELLSVILLE 2 SSW	MAX	85	84	73	65	65	64	63	75	76	76	77	75	81	84	87	82	81	72	67	72	72	73	65	64	55	58	68	65	52	63	79	71.5
	MIN	51	63	61	36	30	28	52	42	51	52	50	62	55	59	57	55	64	55	38	37	36	47	37	39	32	27	41	35	37	26	38	44.9
CECILIA	MAX	85	80	73	62	65	62	59	74	72	69	77	78	81	83	83	82	82	74	70	72	72	72	68	64	61	65	57	53	63	81		71.3
	MIN	45	50	55	32	29	45	43	39	43	48	39	55	52	56	55	50	59	50	33	34	30	42	27	31	21		32	35	31	36		41.3
CLERMONT 1 SSE	MAX	85	81	78	64	68	65	59	75	75	74	76	77	82	85	89	85	84	79	71	75	73	73	70	61	55	60	67	63	54	63	82	72.5
	MIN	50	60	58	31	28	47	50	37	45	48	39	57	50	58	56	52	63	54	35	35	33	42	33	37	38	25	35	37	37	25	32	42.8
GLASGOW WKAY	MAX	85	82	74	58	65	57	63	76	75	68	78	73	80	82	83	78	82	65	68	72	72	72	65	58	52	59	67	63	50	64	78	69.8
	MIN	50	64	58	36	31	48	52	43	50	53	52	62	54	58	58	53	60	53	37	38	35	44	35	38	34	23	34	36	28	27	39	44.6
GREENSBURG	MAX	85	86	87	77	63	69	57	66	77	76	71	80	73	85	86	85	78	83	66	71	76	75	74	67	58	55	60	69	60	53	65	72.0
	MIN	49	48	50	35	31	31	49	40	40	48	51	55	54	54	55	52	57	61	43	36	35	35	36	36	39	26	26	33	39	26	29	41.9
HODGENVILLE-LINCOLN NP	MAX	86	82													84	83	83	78	69	73	72	72	72	64	58	59	68	60	51	63	81	
	MIN	50	56	56	30	26	45	48	39	50	47	41	57	54	57	56	51	60	50	33	34	30	42	30	36	38	24	40	36	37	29	44	42.8
IRVINGTON	MAX	84	82	73	63	66	60	58	75	74	68	75	79	82	85	85	84	86	80	70	73	73	73	71	61	59	61	61	58	53	65	82	71.6
	MIN	50	62	56	33	27	49	50	39	46	45	40	57	54	59	58	54	64	52	34	33	31	46	30	40	40	21	35	38	37	27	38	43.4
LEITCHFIELD 2 N	MAX	85	79	73	60	64	59	59	74	72	68	78	80	83	83	83	81	84	69	72	73	72	66	70	70	51	60	67	55	52	64	81	70.5
	MIN	48	52	57	38	28	49	51	40	45	52	43	60	54	59	56	50	61	53	32	34	36	41	36	41	40	23	36	36	37	23	35	43.4
LOUISVILLE	MAX	86	87	80	61	66	66	59	73	75	71	72	76	80	83	84	84	86	82	71	74	75	73	73	64	54	60	65	65	53	61	82	72.3
	MIN	58	67	58	43	38	49	55	45	53	51	46	62	62	63	63	60	60	54	44	45	44	50	44	47	40	35	42	40	40	33	43	49.5
LOUISVILLE WB AP	MAX	84	82	74	60	64	55	57	72	73	66	73	76	79	83	83	82	82	68	69	72	70	69	63	58	51	59	67	51	53	61	81	68.9
	MIN	54	65	46	39	34	50	46	43	50	46	44	60	59	61	60	57	65	49	41	40	38	46	37	44	38	29	38	40	34	29	38	45.8
MAMMOTH CAVE PARK	MAX	84	86	74	64	65	63	61	74	74	73	77	77	80	82	83	79	82	78	69	74	73	73	69	62	58	59	66	61	52	64	79	71.5
	MIN	45	64	59	32	29	47	46	40	48	51	47	59	54	57	59	52	60	52	35	34	31	42	31	48	33	21	38	31	29	26	40	43.2

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NOLIN RIVER RESERVOIR	MAX	86	86	84	69	61	66	58	65	76	73	70	78	77	83	84	85	82	83	73	72	75	76	73	66	60	52	61	68	54	54	67	71.5
	MIN	50	63	68	33	32	34	51	45	50	53	52	62	53	59	61	53	66	51	37	36	35	52	34	47	39	25	28	38	36	37	37	45.7
ROUGH RIVER DAM	MAX	85	84	80	67	60	67	57	60	75	73	68	76	78	81	84	80	85	84	70	72	74	75	72	65	60	52	62	66	45	54	66	70.2
	MIN	50	54	64	34	31	33	50	43	43	50	45	47	58	58	61	57	57	52	38	36	35	38	35	34	39	26	25	37	37	31	32	42.9
SCOTTSVILLE 3 SSW	MAX	87	84	74	64	68	62	61	76	73	70	77	75	78	79	82	78	80	68	67	73	75	74	69	60	54	60	68	62	51	66	79	70.8
	MIN	59	64	57	39	38	49	53	46	56	53	56	61	60	63	63	59	63	54	43	45	41	50	40	45	35	29	42	37	31	34	48	48.8
SUMMER SHADE	MAX	84	84	72	57	65	59	62	74	72	62	74	72	80	83	80	80	81	65	67	73	72	74	63	61	49	58	70	60	50	64	78	69.2
	MIN	50	61	55	32	30	46	48	43	53	51	52	60	55	56	52	58	57	49	37	37	33	44	33	37	33	23	35	30	27	27	29	43.0
WOLF CREEK DAM	MAX	85	86	84	71	62	69	60	64	75	77	73	79	79	83	83	84	81	76	68	71	75	74	75	65	61	50	60	72	47	52	65	71.2
	MIN	50	54	57	35	33	37	45	43	49	52	56	59	57	56	52	51	52	58	47	36	36	37	36	36	34	26	29	32	29	28	33	43.1
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	84	83	80	64	66	58	62	72	77	74	76	72	80	82	83	83	81	72	66	72	71	75	72	59	55	55	69	61	47	58	78	70.5
	MIN	55	61	63	39	32	47	53	44	52	55	49	65	58	58	61	60	65	58	46	44	39	47	39	39	39	31	42	39	38	31	40	48.0
CARROLLTON LOCK 1	MAX	83	83	79	60	62	63	56	69	73	72	69	73	79	89	83	83	81	78	69	71	71	72	70	60	54	58	65	64	53	58	77	70.2
	MIN	51	63	60	37	32	47	51	38	44	50	41	55	57	57	55	52	65	54	39	36	35	42	34	38	40	31	40	35	40	27	33	44.5
COVINGTON WB AIRPORT	MAX	83	81	70	59	62	54	55	69	77	67	70	74	82	83	83	82	81	68	68	70	68	72	62	50	46	55	63	48	47	56	73	67.0
	MIN	54	60	42	40	32	47	45	43	48	46	45	55	58	59	60	57	66	46	38	39	37	44	38	40	40	35	40	37	32	25	38	44.7
CYNTHIANA 2	MAX	82	86	82	72	60	65	55	58	72	79	75	72	75	82	85	84	83	83	69	70	72	70	77	65	59	55	59	68	45	50	59	69.9
	MIN	47	52	62	34	29	36	47	36	42	52	40	48	57	51	51	50	60	60	39	34	32	33	31	33	39	32	29	33	38	23	27	41.2
DANVILLE	MAX	84	85	83	70	61	66	56	61	73	78	69	76	73	80	84	83	83	82	67	68	73	72	74	64	59	48	57	69	44	54	60	69.5
	MIN	50	54	64	38	32	32	48	43	43	50	48	51	57	57	57	55	55	61	43	43	39	39	38	38	39	33	33	39	39	31	31	44.5
DIX DAM	MAX			68			50	61	70	79	77	73	74	81	82	82	82	82	80	70	70	71	74	71	63	56	56	66	65	48	60	79	70.0
	MIN			58			40	50	43	50	51	46	61	55	57	56	54	61	57	41	39	37	45	38	37	38	29	36	36	36	28	36	45.0
FALMOUTH 5 WNW	MAX	85	82	75	60	64	59	56	71	79	71	70	74	82	84	84	83	82	75	70	72	71	73	65	55	51	57	65	57	48	59	78	69.6
	MIN	46	52	57	30	26	40	50	32	39	50	35	53	55	50	50	50	58	56	35	33	29	35	29	32	38	28	29	27	38	21	27	39.7
FARMERS 1 WNW	MAX	80	83	73	62	63	54	61	73	80	68	73	74	81	83	84	83	83	75	68	70	70	74	69	59	52	55	69	60	47	58	76	69.7
	MIN	49	47	62	33	31	45	51	38	44	54	45	55	55	53	53	54	61	60	48	35	33	39	35	34	41	34	30	39	39	25	30	43.6
FLEMINGSBURG 1 SW	MAX	83	80	70	59	62	53	58	70	77	72	70	73	80	83	82	82	82	69	66	69	68	73	64	52	48	55	66	58	47	56	74	67.8
	MIN	50	56	59	36	29	46	50	43	44	52	41	59	58	52	55	59	63	57	45	37	35	40	36	35	39	34	34	36	36	26	32	44.3
FRANKFORT LOCK 4	MAX	83	85	82	68	62	62	55	59	72	76	72	73	75	82	83	83	81	82	65	71	74	73	73	66	56	49	60	65	44	50	60	69.1
	MIN	50	50	58	37	33	34	47	40	42	48	42	44	57	55	55	53	53	62	41	37	36	37	36	35	40	30	31	39	37	27	33	42.5
LEXINGTON WB AIRPORT	MAX	83	80	68	58	62	55	58	71	77	68	72	74	79	81	81	81	79	67	67	70	70	72	62	54	48	56	67	44	48	57	77	67.3
	MIN	55	61	44	36	34	48	46	44	53	45	45	61	58	61	60	59	65	48	44	43	39	46	38	38	40	30	39	37	35	29	39	45.8
MAYSVILLE SEWAGE PLANT	MAX	80	85	79	69	59	63	55	57	70	78	68	70	76	81	83	83	82	83	70	68	71	69	75	64	53	46	56	68	46	49	58	68.2
	MIN	54	54	57	39	36	38	40	41	43	46	45	46	58	56	56	54	55	63	41	39	37	41	38	39	39	34	37	38	39	29	30	43.9
MOUNT STERLING	MAX	84	84	80	68	62	62	62	72	77	75	72	73	80	82	82	83	81	80	68	71	70	74	70	62	53	56	68	61	47	57	75	70.7
	MIN	53	61	61	37	32	47	51	43	48	53	45	58	58	56	57	53	62	60	45	41	39	44	38	38	36	32	37	38	38	31	34	46.0
OWENTON 2 S	MAX	84	83	79	64	65	60	56	73	75	73	72	72	80	85	84	83	83	79	69	71	72	72	68	60	50	57	63	60	48	60	78	70.3
	MIN	48	55	57	30	28	45	50	39	45	50	39	57	55	54	53	52	59	55	36	33	32	39	30	40	39	28	29	31	37	23	31	41.9
RICHMOND	MAX	82	85	82	70	60	64	56	62	71	78	67	72	73	81	83	83	83	81	68	68	72	71	73	63	56	49	56	70	46	48	59	68.8
	MIN	54	56	60	35	33	42	47	44	45	54	48	50	55	59	59	59	61	63	44	39	39	44	38	39	38	28	30	35	38	30	38	45.3
SHELBYVILLE	MAX	81	82	79	69	58	62	55	57	72	72	66	73	75	79	82	82	81	79	65	68	72	70	72	64	55	50	58	65	42	50	59	67.5
	MIN	51	54	61	37	32	32	47	43	43	50	46	46	59	59	59	59	58	63	37	36	36	36	36	37	39	28	28	36	37	29	29	43.3
WARSAW MARKLAND DAM	MAX	81	84	83	71	59	64	55	57	69	75	68	69	75	82	84	84	82	81	66	69	71	70	71	63	54	49	57	65	43	51	60	68.1
	MIN	49	49	61	38	34	35	48	40	40	45	40	42	55	55	55	55	53	65	40	36	36	38	36	33	39	31	33	37	35	27	27	42.2
WAYNESBURG 7 NE	MAX	83	81	69	62	64	64	60	72	76	69	74	72	79	82	81	80	77	70	64	69	70	73	67	58	52	55	68	60	48	59	77	68.9
	MIN	52	51	60	36	31	52	51	43	50	52	51	60	56	58	57	55	62	56	43	38	38	45	38	40	35	27	34	35	36	27	40	45.5
WILLIAMSTOWN 3 NW	MAX	83	80	75	60	62	56	56	69	76	70	69	72	80	82	83	80	81	70	68	71	70	72	64	55	49	55	62	55	48	58	77	68.0
	MIN	57	60	55	35	36	45	49	43	49	49	45	59	60	59	59	58	63	55	41	42	41	48	38	43	41	33	41	35	37	31	40	46.7
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	78	84	80	70	52	61	57	60	70	79	61	71	75	80	83	82	82	84	73	68	70	69	75	65	57	48	55	72	51	48	58	68.3
	MIN	47	47	58	35	33	35	45	40	40	49	47	49	58	57	51	51	57	61	50	39	36	37	36	35	37	35	31	34	39	30	29	42.8
BARBOURVILLE	MAX	82	84	80	71	59	66	60	67	77	79	64	79	70	85	84	82	83	81	69	68	73	82	76	68	58	46	57	71	51	47	62	70.4
	MIN	46	52	59	35	30	31	46	46	47	47	56	56	56	54	52	51	52	62	49	37	36	36	40	35	38	30	28	28	35	24	24	42.5
BAXTER	MAX	79	83	77	67	60	67	57	67	77	78	61	76	76	81	84	82	81	81	75	74	72	75	71	69	55	45	55	66	49	44	59	69.1
	MIN	49	50	50	35	31	31	44	49	50	51	54	54	56	56	53	53	58	62	55	36	37	37	37	34	34	31	26	27	34	26	26	42.8
BLAINE 2 W	MAX	79	84	80	70		63	55	61	71	80	63	75	80	82	84	83	84	85	73	70	70	70	75	70	57	47	55	71	48	47	58	69.7
	MIN	44	43	50	33	28	27	42	37	37	42	52	52	53	53	48	43	50	55	53	31	32	32	37	32	32	38	26	26	35	26	25	39.2
CUMBERLAND	MAX	83	78	77	60	68	60	68	80	73	62	71	74	80	85	82	83	80	76	73	76	74	76	72	68	59	56	52	67	64	58	64	70.9
	MIN	43	48	54	33	28	34	54	43	45	47	50	51	55	53	56	45	52	42	45	37	33	36	34	37	39	30	24	33	37	24	32	41.1
DEWEY DAM	MAX	78	81	76	68	58	61	56	63	64	77	63	74	70	78	80	80	82	84	71	66	68	63	74	63	58	48	53	70	48	48	54	67.0
	MIN	52	52	55	35	36	36	41	44	47	50	56	55	55	55	50	54	54	57	55	42	40	39	40	36	37	34	28	27	35	27	28	43.6
GRAYSON 3 SE	MAX	80	83	80	71	58	62	55	59	70	78	60	69	74	81	83	84	81	83	73	67	71	69	74	65	55	47	55	70	50	48	59	68.2
	MIN	45	46	54	34	29	30	44	38	40	43	47	47	55	55	50	50	53	60	51	34	33	33	35	34	35	37	28	32	39	29	26	40.8
HEIDELBERG LOCK 14	MAX	83	84	76	69	62	64	61	66	80	79	73	76	79	81	82	83	82	73	68	71	72	77	76	63	62	56	72	72	47	59	78	71.8
	MIN	49	54	60	34	30	40	50	43	45	55	54	55	56	54	52	52	55	63	49	35	33	38	37	33	39	30	27	32	39	25	28	43.4
HINDMAN 11 NNE	MAX	79	82	78	69	59	59	62	62	68	70	70	75	78	82	81	81	83	85	71	68	70	71	77	67	57	49	53	71	51	48	58	68.8
	MIN	47	47	50	35	29	28	35	39	48	40	39	42	44	45	49	49	51	57	54	35	35	34	38	34	33	33	26	26	35	25	25	38.9
HYDEN	MAX	80	85	80	69	58	65	56	65	74	80	67	76			83	83	84	84	70	70	70	74	74	67	56	45	54	69	49	46	60	68.7
	MIN	48	51	53	37	32	31	40	47	46	49	55	55			52	51	50	49	53	38	37	36	39	35	34	31	26	25	36	25	25	40.9
JACKSON	MAX	80	84	80	69	59	64	55	63	71	80	63	76	79	81	84	82	85	84	71	69	72	71	75	65	58	46	56	72	49	46	58	69.3
	MIN	51	52	58	37	33	33	42	44	47	48	55	56	56	55	53	53	55	59	54	38	38	38	39	36	38	32	30	32	37	26	27	43.6

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LONDON FAA AP	MAX	83	80	68	56	64	55	61	71	77	60	76	71	79	81	81	82	80	68	67	70	70	75	62	56	47	54	70	48	45	58	77	67.5
	MIN	46	58	47	33	28	41	49	45	46	55	56	58	50	49	52	53	57	55	40	35	34	39	37	36	37	27	31	34	28	25	31	42.3
MANCHESTER 4 SE	MAX	84	81	72	65	66	63	63	74	80	71	77	75	82	84	82	83	82	75	69	73	75	75	74	64	56	57	71	66	47	61	78	71.8
	MIN	50	53	57	35	30	39	54	44	48	54	56	54	52	52	51	50	51	60	48	35	34	38	37	34	38	27	26	33	37	23	27	42.6
MC KEE	MAX	80	82	79	68	56	63	66	61	70	78	61	75	73	80	82	80	85	80	67	67	71	71	74	62	56	45	55	71	43	46	59	67.9
	MIN	44	44	52	33	28	28	43	41	42	42	53	55	52	49	49	49	52	57	46	33	32	32	36	32	34	28	26	29	32	23	24	39.4
MIDDLESBORO	MAX	79	81	76	70	58	64	55	66	75	75	61	75	74	79	81	80	81	80	70	68	76	74	71	68	58	44	50	66	50	45	59	68.0
	MIN	47	52	58	37	31	32	49	49	49	53	56	55	57	55	51	52	52	63	53	37	36	38	40	35	35	33	26	34	37	24	25	43.6
MONTICELLO	MAX	88	84	79	64	64	64	61	75	77	70	77	78	81	85	84	82	75	70	68	72	73	77	69	62	52	58	73	56	48	63	80	71.3
	MIN	48	62	63	33	29	46	54	42	50	57	57	63	53	59	55	51	60	57	49	35	34	42	36	35	35	24	35	33	29	27	39	44.9
MOUNT VERNON	MAX	84	82	76	67	65	63	61	72	77	75	77	77	81	83	83	82	80	76	67	71	71	74	70	63	56	56	70	61	48	61	77	71.2
	MIN	59		62	36	29	45	52	44	51	53	51	56	54	53	55	54	63	54	45	36	35	41	36	35	38	38	36	36	37	25	35	44.8
PIKEVILLE	MAX	87	78	73	63	68	57	65	80	81	67	78	72	84	87	85	83	84	75	72	75	75	79	70	59	53	58	75	62	48	62	77	72.0
	MIN	51	51	56	36	32	37	53	47	53	54	56	54	55	54	52	54	58	61	55	40	40	40	42	35	41	40	28	41	39	27	28	45.5
SOMERSET 2 N	MAX	84	81	70	67	63	61	62	72	76	72	77	76	81	83	81	80	76	72	66	72	70	73	68	59	54	64	71	61	48	60	77	70.2
	MIN	46	62	63	32	27	43	52	44	48	49	52	59	53	52	47	48	57	55	45	37	31	41	35	35	37	28	26	33	38	23	34	43.0
STEARNS	MAX	80	82		67	56	58	56	54	70	73	62	67	76	76	79	78	76	78	67	59	65	76	73	61	56	44	54	64	49	46	60	65.4
	MIN	54	55		37	37	42	47	42	42	52	57	57	57	57	56	58	58	56	51	37	40	45	43	39	38	27	32	40	32	26	27	44.7
TOMAHAWK 1 WSW	MAX	77	80	75	70	57	61	55	61	66	78	63	74	71	79	80	81	81	82	74	67	67	68	76	64	58	48	54	72	51	49	56	67.6
	MIN	42	42	50	33	28	28	39	39	40	42	53	51	51	52	46	46	49	52	52	33	32	32	36	34	35	36	25	25	33	26	25	38.9
VANCEBURG	MAX	82	78	68	62	59		54	58	76	64	69	72	77	80	78	80	84	80	64	66	67	68	64	60	49	54	63	48	46	54	72	66.5
	MIN	42	48	61	32	25	38	45	43	38	50	41	49	55	52	50	49	55	60	43	32	30	34	31	30	36	31	25	32	37	25	25	40.1
WEST LIBERTY	MAX	80	84	80	69	58	65	55	62	85	89	75	75	70	82	83	85	84	85	75	69	71	73	77	65	57	45	56	72	47	46	60	70.3
	MIN	47	47	54	35	31	31	45	38	38	45	38	45	40	45	51	51	54	59	50	36	34	34	37	34	36	33	27	30	39	24	24	39.7
WILLIAMSBURG 1 E	MAX	85	83	79	71	66	66	76	78	76	78	77	81	80	83	84	82	79	77	69	74	74	77	75	65	58	57	72	68	46	63	78	73.5
	MIN	52	60	65	34	30	42	47	51	58	58	60	55	57	55	54	52	60	63	49	37	36	42	42	37	29	28	30	29	35	29	36	45.5

EVAPORATION AND WIND

Station			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * CENTRAL	02																																	
NOLIN RIVER RESERVOIR		EVAP	.21	.17	.11	.19	.32	.23	.13	.15	.13	.07	.12	.00	.07	.17	.07	.25	.10	.05	.18	.10	.11	.13	.14	.12	.09	.00	.16	.09	.08	.07	.06	3.87
WOLF CREEK DAM		EVAP	.22	.29	.13	.28	.13	.07	-	.17	.05	.17	*	*	.12	.09	.08	.14	.04	.00	-	-	.29	.16	.08	.09	.03	.05	.06	.07	.06	.02	.08	3.298
		WIND	8	15	41	27	19	18	19	10	9	22	8	8	6	6	3	5	11	6	8	12	10	4	22	8	8	15	17	32	20	7	3	407
		MAX	82	82	78	75	68	71	65	63	75	73	64	77	78	81	81	82	75	71	70	73	73	70	67	65	56	50	58	61	46	51	59	69.0
		MIN	55	60	62	48	45	45	52	51	51	55	60	59	62	62	60	57	58	61	59	46	46	45	48	45	42	38	38	40	39	35	37	50.4
* * * BLUE GRASS	03																																	
DIX DAM		EVAP	-	-	-	-	-	-	-	.14	.10	.07	.10	.06	.07	.08	.12	.13	.20	.05	.10	*	.15	.10	.16	.14	.02	.10	.08	.10	.10	.00	.10	2.938
		WIND	-	*	125	*	*	146	64	46	26	45	34	19	14	13	18	22	44	35	68	*	26	23	64	33	54	92	103	44	99	41	27	13698
		MAX	-	-	-	-	-	-	83	65	74	79	72	71	74	80	83	84	81	76	-	-	70	70	68	65	55	48	61	63	44	48	60	68.4
		MIN	-	-	-	-	-	-	39	45	45	54	54	54	60	59	62	60	59	63	-	-	42	46	44	44	41	36	35	36	37	37	37	47.3
* * * EASTERN	04																																	
BUCKHORN		EVAP	.12	.21	.04	.26	.10	*	*	.17	.03	*	*	.24	.00	.11	.11	.10	.16	.04	.02	.09	.15	.07	.17	.12	.00	.06	.04	.20	.02	.05	.04	2.72
		WIND	15	24	27	46	26	16	14	12	7	16	13	7	7	9	12	15	24	10	19	18	27	11	52	17	15	42	32	61	50	33	3	680
		MAX	84	86	77	72	72	71	55	66	76	80	65	79	71	82	87	83	84	77	72	75	72	73	68	60	57	49	59	65	50	46	60	70.1
		MIN	60	62	62	57	47	46	50	55	55	58	60	64	63	63	65	62	61	65	59	52	50	50	49	48	47	40	39	40	41	38	38	53.1
DEWEY DAM		EVAP	.03	.10	-	.05	.05	.05	.00	.06	.00	-	.02	.04	-	.11	.03	-	.06	-	-	-	.06	.01	.02	.00	.03	.02	.01	.09	.00	-	-	-
		WIND	10	5	6	14	16	12	3	6	7	4	1	1	4	2	2	5	8	6	6	8	9	4	12	6	6	20	10	22	25	19	5	264
		MAX	77	75	76	68	57	55	55	63	58	66	62	70	67	70	68	58	71	72	71	61	53	52	57	52	48	49	53	52	48	-	-	61.5
		MIN	58	60	64	47	42	45	44	52	53	58	59	50	59	62	58	58	58	66	61	37	45	45	52	41	47	44	36	32	40	-	-	50.8

DAILY SOIL TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BARDSTOWN S J PREP SCH																																	
4 INCHES	MAX	76	73	71	70	66	64	60	65	63	66	66	66	69	70	71	70	71	69	67	65	63	61	61	60	58	55	55	55	51	52	56	64.0
	MIN	73	67	69	60	57	60	60	57	60	60	60	64	65	66	66	65	68	66	60	59	57	58	56	56	55	50	51	51	50	48	50	59.5
20 INCHES	5 PM	69	69	69	69	66	65	65	64	65	64	65	64	65	65	66	67	66	67	65	65	64	64	63	63	61	60	60	59	60	57	58	64.2
BEREA COLLEGE																																	
4 INCHES	MAX	71	71	71	69	66	65	61	63	65	65	65	65	66	67	67	68	68	67	67	66	65	63	62	61	59	58	57	56	57	55	56	63.9
	MIN	68	69	69	65	61	61	58	61	63	63	63	64	65	66	66	67	67	66	65	63	62	61	60	59	58	55	55	54	54	53	53	61.7
20 INCHES	5 PM	70	70	69	69	68	67	66	66	66	66	66	66	66	66	66	67	67	67	67	66	65	65	65	64	63	63	63	62	61	60	59	65.5
CAMPBELLSVILLE																																	
4 INCHES	MAX	71	71	73	65	63	57	62	64	65	66	66	66	68	70	70	69	69	66	66	62	62	61	60	57	55	55	58	55	53	53	57	63.1
	MIN	65	66	61	60	56	56	57	53	60	63	62	64	63	63	65	65	65	66	60	57	56	57	55	55	54	49	55	51	50	47	49	58.2
20 INCHES	6 PM	68	68	68	67	65	65	64	63	63	63	63	64	64	65	65	65	65	65	65	64	63	62	61	60	60	59	58	57	56	56	55	62.8
CUMBERLAND GAP PARK																																	
4 INCHES	MAX	68	69	68	66	64	61	61	64	65	65	65	65	66	68	66	67	67	65	66	64	60	60	65	61	57	56	55	54	53	52	52	62.4
	MIN	65	66	66	61	59	58	56	61	62	63	63	64	64	65	64	63	65	65	64	60	58	58	58	56	56	53	50	53	52	49	49	59.5
20 INCHES	5 PM	67	67	68	67	65	65	64	64	64	64	64	65	65	65	65	65	65	65	65	65	64	64	63	62	61	59	59	59	58	57	57	63.5
FLEMINGSBURG 1 SW																																	
4 INCHES	MAX	70	68	66	67	63	61	58	62	62	61	62	63	65	66	66	66	66	66	64	64	60	60	57	57	54	51	52	51	49	48	51	60.5
	MIN	62	64	64	57	56	55	55	55	57	58	56	60	60	61	61	62	63	64	64	56	54	54	53	52	51	49	48	48	46	44	46	56.0
20 INCHES	6 PM	67	67	67	67	65	64	64	63	62	62	62	62	62	63	63	63	64	64	64	64	63	63	62	61	61	59	58	58	57	56	56	62.4
GLASGOW WKAY																																	
4 INCHES	MAX	71	71	70	70	66	64	62	65	65	66	67	67	68	69	70	70	68	68	67	65	63	62	62	62	59	57	56	56	54	54	57	64.2
	MIN	66	68	69	62	58	60	60	60	61	64	64	66	64	66	66	66	66	67	62	63	58	59	58	58	57	52	52	53	52	51	51	60.6
20 INCHES	6 PM	68	68	68	67	66	65	64	64	64	64	64	64	65	65	66	66	65	66	65	64	63	63	63	62	61	60	59	58	58	57	57	63.5
GREENVILLE 2 W																																	
4 INCHES	MAX	75	72	71	71	68	65	65	68	68	69	70	70	70	72	73	73	70	70	70	66	65	64	64	60	61	57	57	67	55	56	-	66.7
	MIN	68	69	70	64	60	62	62	60	62	64	62	65	65	68	68	67	67	67	61	60	58	61	57	58	55	51	54	53	52	50	-	61.3
20 INCHES	5 PM	70	70	69	69	67	67	66	65	65	65	64	65	66	66	66	67	67	66	66	65	64	64	64	62	62	61	60	60	59	58	-	64.8
HENDERSON 7 SSW																																	
4 INCHES	MAX	73	71	71	71	68	64	63	64	64	64	65	66	68	70	71	70	71	71	69	66	65	64	64	62	63	60	60	60	60	60	60	65.7
	MIN	71	71	71	66	63	63	63	61	63	63	64	64	66	67	69	69	69	69	64	63	62	63	61	61	59	56	58	57	57	56	57	63.4
20 INCHES	6 PM	69	69	68	67	66	66	65	65	65	64	65	65	65	66	67	67	67	67	66	65	64	64	64	63	63	61	61	60	60	59	59	64.6
IRVINGTON																																	
4 INCHES	MAX	71	71	70	70	67	65	63	65	65	66	66	66	68	69	69	70	69	69	68	66	65	63	63	61	59	57	58	58	55	55	58	64.7
	MIN	67	68	69	63	60	63	62	60	61	63	61	64	64	66	66	65	67	67	62	60	59	61	58	58	57	53	54	55	53	51	53	61.0
20 INCHES	6 PM	69	64	68	67	66	65	65	64	64	64	64	64	64	65	65	65	65	65	65	64	64	63	62	62	61	59	59	59	58	57	56	63.3
LEXINGTON CAMPUS FARM																																	
BARE GROUND																																	
1 INCH	MAX	85	81	71	64	68	54	61	74	74	71	73	71	77	79	78	77	75	68	68	67	68	64	63	56	49	58	59	46	48	60	69	67.0
	MIN	57	60	48	41	39	49	48	44	52	56	51	61	58	58	58	58	61	56	49	42	43	47	43	44	45	37	38	40	39	34	40	48.3
2 INCHES	MAX	82	78	70	63	65	54	60	70	72	59	71	70	74	77	76	75	73	67	67	66	66	64	62	55	49	56	56	47	48	58	66	65.0
	MIN	58	61	51	43	41	49	50	45	53	56	53	60	58	59	58	59	62	57	51	44	45	48	45	46	46	39	39	42	40	35	41	49.5
4 INCHES	MAX	77	73	68	62	62	55	59	65	77	66	66	67	71	72	72	71	70	66	64	63	62	61	60	54	50	53	54	50	47	54	61	63.0
	MIN	61	63	57	48	46	52	54	48	55	58	55	61	59	61	60	61	63	60	54	52	49	51	49	49	48	43	43	45	43	39	44	52.6
8 INCHES	MAX	72	69	67	63	59	57	58	60	63	63	63	64	67	66	67	67	68	66	63	61	60	60	58	54	52	52	52	53	49	52	56	60.7
	MIN	66	65	63	55	53	55	56	52	57	59	58	61	61	63	62	64	64	63	58	56	54	55	54	52	52	48	47	49	46	44	47	56.1
SOD																																	
1 INCH	MAX	70	67	68	62	61	57	59	62	64	63	64	65	68	68	68	68	68	66	64	63	61	61	60	55	53	55	54	52	50	54	58	61.5
	MIN	62	63	60	56	53	55	56	54	58	59	58	62	61	62	61	63	64	62	58	57	54	55	54	53	52	49	48	50	47	44	48	56.1
2 INCHES	MAX	68	66	67	62	60	57	59	61	63	62	63	64	67	67	67	67	67	66	63	63	61	61	60	56	54	55	54	53	50	53	57	61.1
	MIN	63	64	62	57	54	56	57	55	59	59	58	61	61	62	62	63	64	63	59	58	55	56	55	54	53	50	49	50	48	45	48	56.8
4 INCHES	MAX	67	66	67	63	60	58	59	60	62	62	62	63	66	65	65	66	67	66	64	62	60	60	60	57	55	55	53	53	51	53	56	60.7
	MIN	63	65	63	58	56	57	58	55	59	60	59	61	61	62	62	64	64	63	60	59	56	57	56	54	54	51	50	51	49	46	49	57.5
8 INCHES	MAX	67	66	66	65	61	59	59	59	62	61	62	62	64	64	64	65	66	66	64	62	61	60	59	59	57	56	54	55	53	53	55	60.8
	MIN	65	65	65	61	59	58	59	58	59	60	60	62	62	63	63	64	64	64	62	61	59	59	59	56	56	54	53	53	52	50	52	59.3
20 INCHES	7 PM	66	65	66	65	63	63	62	61	62	61	62	62	64	62	63	64	65	64	63	64	62	62	62	60	60	58	57	58	56	56	56	61.7
40 INCHES	7 PM	66	65	66	66	65	65	64	63	64	62	63	63	63	62	62	64	64	64	63	64	63	64	63	62	63	61	61	62	60	61	60	63.2
MAYFIELD RADIO WNGO																																	
4 INCHES	MAX	73	73	74	72	-	-	68	65	64	65	64	66	65	70	72	72	70	71	70	69	70	64	65	62	63	60	-	60	59	58	56	66.4
	MIN	70	71	71	70	-	-	63	61	63	64	63	63	63	65	68	69	69	70	68	63	61	63	60	61	59	59	-	55	54	53	53	63.3
20 INCHES	5 PM	71	71	70	68	-	-	66	65	65	66	66	65	-	66	69	71	68	69	69	-	64	65	65	64	64	60	-	62	62	59	58	65.7

See Reference Notes Following Station Index

CONTINUED

DAILY SOIL TEMPERATURES

KENTUCKY
OCTOBER 1968

Station			Day Of Month																															Total or Avg.
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PRINCETON 1 SE																																		
4	INCHES	MAX	69	69	68	68	65	60	61	62	62	63	63	64	65	67	68	68	67	67	66	63	61	60	61	69	59	57	55	56	54	53	55	62.7
		MIN	67	68	67	62	60	60	60	59	61	62	61	61	64	65	67	66	67	65	61	60	58	60	58	59	55	52	54	54	51	51	53	60.3
20	INCHES	5 PM	69	69	69	68	67	66	65	65	65	65	65	65	65	66	66	67	67	67	66	65	65	64	64	63	62	61	60	60	59	58	58	64.5
QUICKSAND																																		
4	INCHES	MAX	72	73	72	68	65	68	60	63	65	66	66	66	68	69	69	70	69	68	68	66	64	64	60	66	57	54	54	55	52	51	53	63.9
		MIN	66	66	59	60	58	57	57	57	60	62	62	64	64	65	64	64	66	66	65	60	57	57	56	57	54	50	48	51	49	45	45	58.4
20	INCHES	4 PM	69	69	69	67	65	64	63	63	63	64	64	64	65	65	65	65	66	66	66	65	64	63	62	61	60	58	52	57	56	54	54	62.8
SANDY HOOK 5 NE																																		
4	INCHES	MAX	73	74	72	70	65	65	63	65	68	66	65	67	70	71	71	71	70	70	69	69	64	64	62	63	58	56	55	56	53	54	51	64.8
		MIN	65	67	68	59	57	60	59	57	60	64	61	65	65	66	65	65	67	68	65	59	58	57	57	56	56	53	50	53	50	48	48	59.6
20	INCHES	6 PM	70	70	70	69	68	67	66	65	65	65	65	65	65	66	66	66	67	67	67	66	65	65	64	64	63	62	61	61	59	58	58	65.0
SOMERSET 2 N																																		
1	INCH	MAX	72	69	68	68	65	63	60	63	64	64	67	67	70	71	71	71	66	68	67	66	64	64	62	62	58	57	57	56	53	54	58	64.0
		MIN	64	66	66	59	56	55	55	56	58	61	60	64	62	64	64	63	61	66	63	58	57	57	56	56	55	51	50	52	50	47	50	58.1
4	INCHES	MAX	70	69	69	67	64	63	58	62	63	64	65	66	68	70	70	70	70	67	67	66	63	63	61	61	57	57	56	56	54	55	57	63.5
		MIN	64	67	66	60	57	55	55	57	59	62	61	63	63	63	64	64	65	66	63	59	58	58	57	57	56	52	52	53	52	50	51	59.0
20	INCHES	6 PM	70	70	70	69	67	60	62	63	64	64	65	65	66	67	66	67	67	67	67	67	66	66	65	64	63	62	61	61	60	59	59	64.8
WILLIAMSTOWN 3 NW																																		
4	INCHES	MAX	70	71	69	70	65	63	60	63	64	65	65	65	68	68	68	69	68	69	67	65	63	62	61	60	58	56	56	56	54	53	55	63.4
		MIN	67	68	69	62	60	60	60	60	61	63	61	63	65	66	66	66	66	67	61	60	58	59	58	58	56	54	53	54	52	50	51	60.5
20	INCHES	6 PM	67	67	67	67	66	65	64	63	63	63	63	63	64	65	65	65	65	65	65	64	63	63	63	62	61	60	60	59	58	57	57	63.2

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN S.J. PREP SCHOOL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6R	6R			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5R		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6R			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 20	390				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		C GH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C MJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6R		M	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5R			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. R. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	450		6P			JOE RAY ALLEN
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		PHILLIP O. THACKER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		M	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		C G	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			KENTUCKY UTILITIES
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			**RAY LAFALLETTE**
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4R	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	650	6P	6P		GH	WAYDE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			HONUS S SHAIN. JR.
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E. WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISV[illegible]
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	40[illegible]		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	[illegible]79	5R	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	RICHARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5R	7A	7A	C	HOMER W. BOHN. JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	890	5P	[illegible]P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY [illegible]
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. MINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	735				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH [illegible] CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	77[illegible]		6A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT L. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	[illegible] M. [illegible]
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	926	5R	7A		H	ALVIN [illegible]. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. [illegible]
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5R	5P			FRED CARTM[illegible]
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	[illegible]116	5R	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	625		7A		C	JOE M. [illegible]
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	579	8A	8A		H	JOHN C. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE [illegible]
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			A. [illegible] DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	[illegible]	7A		H	[illegible] D. [illegible]
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 [illegible]	434		6A			CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALFRED A. [illegible]
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	34[illegible]	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
RAINISVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O. [illegible]
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		7A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7R	7R		H	U. S. WEATHER BUREAU
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4R	4R	4[illegible]	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				C	ROBINSON AGRIC. EXP. STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA [illegible]
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BA[illegible]R
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST [illegible]
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	WM [illegible] JARRELL
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5R			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL J. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	4[illegible]0		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE F. [illegible]
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6R	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. SCATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TATHAM SPRINGS	7924	02	WASHINGTON	8	37 52	85 09	670				C	CHARLIE J. KAY[illegible]
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5[illegible]			JAMES H. CA[illegible]
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM F. WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	93[illegible]					RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A			CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION W[illegible]
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	**870**				C	**WILLIAM E. PARKER**
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5R	7A			MRS. RITA [illegible]
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7[illegible]			ARNOLD J. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5R	7A			CURTIS M. WOOD[illegible]
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. [illegible]
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A		CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A			CORPS OF ENGINEERS

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-11/27/68-840

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
C. R. SMITH, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY

NOVEMBER 1968

Volume 63 No. 11

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CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	56.2	37.7	47.0		78	1	16	20	533	0	0	12	0	5.08		2.16	28	T	0		7	2	2
BEAVER DAM	56.9	38.8	47.9		81	1	17	13	508	0	0	10	0	4.02		1.32	28	.0	0		8	2	2
FORDS FERRY DAM 50	55.0	39.1	47.1		78	1	21	21	531	0	0	10	0	3.71	.21	1.84	28	.0	0		9	1	1
GILBERTSVILLE 1 SE	56.6	40.4	48.5		79	1	19	13	493	0	0	7	0	4.57		1.60	28	T	0		8	2	2
GOLDEN POND 8 N	57.6	39.1	48.4		83	1	24	13	499	0	0	9	0					.0	0				
GREENVILLE 2 W	56.4	38.6	47.5	.6	81	1	18	13	518	0	0	11	0	5.26	1.50	1.41	28+	.0	0		9	3	2
HENDERSON 7 SSW	55.3	39.7	47.5	.9	79	1	22	13	522	0	0	8	0	4.91	1.42	1.40	28	T	0		7	4	1
HICKMAN 1 E	56.3	37.5	46.9		79	1	18	13	536	0	0	12	0	5.75		2.21	28		0		8	3	2
HOPKINSVILLE	57.9	36.5	47.2	.3	83	1	20	14+	524	0	0	13	0	5.00	1.10	2.80	28	T	0		7	2	1
LOVELACEVILLE	56.7	38.0	47.4	.1	77	1	17	20	522	0	0	11	0	5.18	1.18	1.98	28	.0	0		8	3	2
MADISONVILLE 1 SE	56.7	37.4	47.1		80	1	17	13	537	0	0	11	0	4.26		2.78	28	.0	0		9	1	1
MAYFIELD RADIO WNGO	60.2M	37.9M	49.1M		81	1	18	13	476	0	0	12	0	4.83		1.71	28	.0	0		7	2	2
MURRAY	56.7	38.9	47.8	.0	81	1	21	13	513	0	0	10	0	5.04	1.04	3.10	28	T	0		6	2	1
OWENSBORO 2 W	56.8	38.5	47.7	1.7	81	1	21	13	515	0	0	8	0	4.66	1.15	1.83	28	T	0		9	4	1
PADUCAH FAA AIRPORT	54.6	38.3	46.5		77	1	20	20+	551	0	0	12	0	5.51		1.94	28	T	0		8	3	2
PADUCAH	57.4	39.0	48.2		79	1	21	13	500	0	0	10	0	5.02	1.06	2.00	28	T	0		8	3	2
PRINCETON 1 SE	57.1	39.7	48.4	1.4	79	1	17	13	493	0	0	9	0	4.62	.90	1.96	28	T	0		7	2	2
ROCHESTER LOCK 3	57.0	37.7	47.4		82	1	21	14+	523	0	0	11	0	4.53		2.47	28	.0	0		8	1	1
RUSSELLVILLE	57.7	37.7	47.7	1.9	81	1	18	13	515	0	0	13	0	5.14	1.26	3.25	28	.0	0		8	2	1
DIVISION			47.6	.6										4.84	1.05			T					
* * *																							
CENTRAL 02																							
ANCHORAGE	55.4	38.5	47.0	2.6	81	1	21	21+	536	0	0	10	0	3.11	- .22	1.09	28	.0	0		7	2	1
BARDSTOWN NAZARETH COL	53.9	35.7	44.8		80	2+	23	21+	598	0	0	12	0	2.94				T	0				
BARREN RIVER RESERVOIR	57.9	36.5	47.2		80	2+	20	13	525	0	0	11	0	4.86		2.83	28	T	0		8	1	1
BOWLING GREEN FAA AP	55.7	38.2	47.0	.0	80	1	22	21+	536	0	0	11	0	4.99	1.38	2.30	27	.2	0		8	2	1
BRADFORDSVILLE	58.3	36.7	47.5		80	2+	18	21	520	0	0	13	0	4.33		1.82	28	T	0		7	3	1
CAMPBELLSVILLE 2 SSW	56.4	39.5	48.0		79	1	22	13	504	0	0	9	0	4.51		1.66	28	.0	0		10	2	1
CECILIA	56.4	35.0M	45.7M	.8	80	2+	18	21	574	0	0	13	0	3.97	.41	1.49	27		T	19	8	2	2
CLERMONT 1 SSE	57.0	37.1	47.1		82	1	19	13	533	0	0	12	0	3.36		1.38	28	.0	0		7	2	1
GLASGOW WKAY	54.3	37.3	45.8		79	1	18	13	566	0	0	12	0	5.20		1.90	28	T	0		8	2	2
GREENSBURG	58.1	36.0	47.1	1.3	80	2+	21	22	531	0	0	14	0	4.29	.73	2.23	28		0		8	1	1
HODGENVILLE-LINCOLN NP	58.4M	38.7M	48.6M		81	1	20	13	476	0	0		0	4.54		1.52	28	.0	0		8	3	2
IRVINGTON	56.7M	38.5M	47.6M	1.5	82	1	18	13	521	0	0		0					T	0				
LEITCHFIELD 2 N	56.3	37.7	47.0	.3	80	1	21	21	532	0	0	12	0	4.08	.19	2.30	28	.0	0		7	1	1
LOUISVILLE	57.6	42.1	49.9		82	1	28	21	455	0	0	8	0	3.13		1.25	28	.0	0		7	2	1
LOUISVILLE WB AP R	56.1	39.8	48.0	3.3	82	1	23	21	511	0	0	10	0	3.34	.14	1.10	27	.3	0		6	2	1
MAMMOTH CAVE PARK	56.4	37.3M	46.9M		80	1	18	13	544	0	0	11	0	5.01		2.50	28	T	0		9	2	1
NOLIN RIVER RESERVOIR	57.0	38.5	47.8		81	2+	20	14	515	0	0	10	0	4.15				.0	0				
ROUGH RIVER DAM	56.7	37.5	47.1		82	1	21	14+	532	0	0	13	0	3.48		1.10	28	T	T	19	7	2	1
SCOTTSVILLE 3 SSW	56.6	40.6	48.6		79	1	22	13	487	0	0	7	0	5.71		2.18	28				8	4	2
SUMMER SHADE	56.1	36.6	46.4		79	1	17	13	552	0	0	11	0	4.58		1.63	28	T	0		8	3	1
WOLF CREEK DAM	58.2	36.9	47.6		80	2+	20	21	517	0	0	10	0	4.73		2.29	28	.0	0		9	2	1
DIVISION			47.3	1.2										4.22	.64			T					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	56.2	40.1	48.2	1.6	79	1	23	11	502	0	0	7	0	3.85	.56	.91	28	3.7	T	20+	10	1	0
CARROLLTON LOCK 1	56.7	38.4	47.6		81	2+	21	21	518	0	0	11	0	3.15	.08	1.22	28		T	20	8	1	1
COVINGTON WB AIRPORT R	53.1	38.1	45.6	2.9	79	1	22	21	576	0	1	11	0	3.21	.20	.93	28	.4	T	21+	8	1	0
CYNTHIANA 2	57.0	34.8	45.9		80	2	17	21	566	0	0	13	0	2.70		1.25	28	.0	0		8	1	1
DANVILLE	55.8	37.3	46.6		79	2+	22	22+	548	0	0	10	0	3.67	.35	1.67	28	1.5	1	20+	8	2	1
DIX DAM	56.8M	38.2M	47.5M		80	1	23	21+	521	0	0	10	0	3.39		1.72	28	.0	0		7	2	1
FALMOUTH 5 WNW	55.5	33.7	44.6		81	1	16	21	605	0	0	16	0	3.28	- .15	1.12	28	T	T	20+	7	1	1
FARMERS 1 WNW	57.1	36.9	47.0	1.9	78	1	18	21	534	0	0	11	0	3.15	- .06	.84	28	.0	0		8	3	0
FLEMINGSBURG 1 SW	54.4	37.6	46.0		77	1	19	21	562	0	1	11	0	2.95		.92	28		T	19+	8	1	0
FRANKFORT LOCK 4	56.6	35.2	45.9	.4	80	2+	21	21	564	0	0	16	0	2.44	- .94	1.53	28	T	T	20	5	1	1
LEXINGTON WB AIRPORT R	54.3	38.5	46.4	1.7	77	1	23	21	552	0	1	7	0	3.23	- .06	1.21	27	1.0	T	20+	8	2	1
MAYSVILLE SEWAGE PLANT	55.4	37.0	46.2	1.5	78	2	25	20	555	0	0	10	0	3.08	- .06	1.25	27	.0	0		7	1	1
MOUNT STERLING	56.7	38.2	47.5		78	1	21	21	522	0	0	10	0	D 2.99	- .11	.66	28	1.3	1	12	7	2	0
OWENTON 2 S	55.5	35.3	45.4		80	1	16	21	581	0	0	14	0	3.75		1.30	28	.0	0		9	1	1
RICHMOND	55.8	37.6	46.7		79	2	21	21	542	0	0	10	0	3.89		1.28	28	T	0		8	3	1
SHELBYVILLE	54.7	35.9	45.3	.1	79	2	21	21+	585	0	0	13	0	3.42	- .22	1.75	28	T	T	20+	7	1	1
WARSAW MARKLAND DAM	55.7	35.4	45.6	.6	80	2	20	21	577	0	1	15	0	4.32	1.29	.84	28	T	T	20	10	5	0
WAYNESBURG 7 NE	55.6	38.7	47.2		78	1	20	21	528	0	0	11	0	3.74		1.48	28	1.0	0		6	2	1
WILLIAMSTOWN 3 NW	54.4	38.5	46.5	1.7	79	1	21	21	555	0	1	11	0	2.83	- .45	.96	28	.7	T	20+	8	1	0
DIVISION			46.4	.9										3.32	.05			.6					
* * *																							
EASTERN 04																							
ASHLAND	58.4	35.1	46.8	.2	80	2	19	21	540	0	0	14	0	2.93	.23	.76	18	T	0		7	2	0
BARBOURVILLE	58.3	33.6	46.0		81	2	18	22+	565	0	0	16	0	2.57		.99	18				3	1	0
BAXTER	55.7	32.7	44.2		76	3+	16	21	618	0	0	17	0	2.35		.68	18		1	20	7	1	0
BLAINE 2 W	57.4	31.8	44.6		79	2	17	21	606	0	0	17	0	2.70		.85	28	T	0		5	3	0
CUMBERLAND	58.0	33.7	45.9		79	2	14	21	567	0	0	15	0	2.39		.45	12	9.0	6	13	[illegible]	0	0

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 136

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	57.1	35.1	46.1		76	2	19	21	561	0	0	13	0	1.89		.46	6	.5	0		7	0	0
GRAYSON 3 SE	56.0	33.7	44.9		79	2	18	21	597	0	0	17	0	2.73		.79	18	.0	0		7	2	0
HEIDELBERG LOCK 14 R	59.3	35.9	47.6		80	2	19	21	516	0	0	11	0	2.47	- .84	.82	28		T	20	6	2	0
HINDMAN 11 NNE	56.9	33.2	45.1		78	2	18	21	592	0	0	14	0	2.39		.62	18	.3	T	20	10	2	0
HYDEN	57.1M	33.4M	45.3M		79	2	18	22+	584	0	0		0	2.22		.88	18	T	T	20	7	1	0
JACKSON	58.0	34.7	46.4		80	3	19	21	552	0	0	14	0	1.59		.55	28	.0	0		6	1	0
LONDON FAA AP	54.5	34.8	44.7		78	1	16	21	603	0	1	13	0	2.38		.61	27	T	T	19	7	1	0
MANCHESTER 4 SE	58.7	34.9	46.8		80	1	18	21	538	0	0	14	0	1.90		.53	18	T	0		6	1	0
MC KEE	55.4	32.2	43.8		78	2	17	21	631	0	1	15	0	2.72		.91	28	1.5			7	2	0
MIDDLESBORO	55.5	33.9	44.7		76	2	17	21	601	0	1	14	0	1.86		.78	18		0		7	1	0
MONTICELLO	57.8	37.1	47.5		81	1	19	21	521	0	0	11	0	3.95		1.72	28	.5	0		10	2	1
MOUNT VERNON	56.9	39.0	48.0		79	1	21	21+	506	0	0	8	0	4.62		1.14	28	1.0	0		10	3	1
PIKEVILLE	58.8	38.5	48.7		82	1	22	21	482	0	0	9	0	2.53	- .10	.49	18	T	0		7	0	0
SOMERSET 2 N	56.7M	38.0M	47.4M		83	2	22	21+	523	0	0		0	0 4.20		1.20	28	3.3	0		8	2	2
STEARNS	55.8M	34.9M	45.4M		78	2	19	22+	583	0	1	14	0	2.24		.81	28				6	2	0
TOMAHAWK 1 WSW	56.6	31.0	43.8		79	2	16	21	627	0	0	17	0	1.78		.38	18	1.1	1	20	9	0	0
VANCEBURG	54.8	34.5	44.7		76	1	15	21	602	0	0	13	0	0 2.78	- .30	.69	28	1.0			7	2	0
WEST LIBERTY	57.6	33.4	45.5		80	2	23	12+	581	0	0	16	0	2.82		.95	28	T	0		7	2	0
WILLIAMSBURG 1 E	59.5	37.7	48.6	1.8	82	1	20	21	484	0	0	14	0	2.61	- .82	.94	18		0		7	2	0
DIVISION			45.9	- .3										2.61	- .60			1.0					

EXTREMES

HIGHEST TEMPERATURE 3 STATIONS	83	DATE	02+
LOWEST TEMPERATURE CUMBERLAND	14	DATE	21
GREATEST TOTAL PRECIPITATION HICKMAN 1 E	5.75		
LEAST TOTAL PRECIPITATION JEREMIAH	.99		
GREATEST 1 DAY PRECIPITATION ELKTON 2 S	3.35	DATE	28
GREATEST TOTAL SNOWFALL CUMBERLAND	9.0		
GREATEST DEPTH OF SNOW CUMBERLAND	6	DATE	13

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
NOVEMBER 1968

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WESTERN 01																																
BARDWELL 4 E	5.08	.02	.18	.12		.02	.42	.08				.04	.03		T	.06	.22	.17	.02	T							T	1.54	2.16			.
BEAVER DAM	4.02			.31	.02		.34	.12					T				.15		.10	.07					.28			1.31	1.32			.
CALHOUN LOCK 2	4.30				.53	T	T	.61	.04		T		.06					.02	.15	.02	T				.31			.16	1.94	.46		.
COBB	3.84				.15		.10	.25	T								.23		.19						.38			.30	2.02	.22		.
DAWSON SPRINGS	4.58				.16		.20	.22	T				T				.28	T	.14	T	T				.40			.38	2.80			.
DUNDEE 4 ESE	4.28				.25		.10	.56									.26		.10	.04	.05				.28			.32	2.32			.
DUNMOR	4.82				.10		.11	.15	.04	.09			.10				.24		.05	.02	T				.32			.30	.92	2.38		.
ELKTON 2 S	4.83				.15		.02	.19	.01	T			.03				.37		.05	T	.01				.30			.04	3.35	.31		.
FORDS FERRY DAM 50	3.71		.17	.12	.08		.23	T	T				.03				.17	T	.12	.02	T				.45			.20	1.84	.28		.
FRANKLIN 1 E	4.94				.19		.02	.17	.05				.06				.35		.24	.08	T				.35			.11	3.06	.26		.
GILBERTSVILLE 1 SE	4.57	T	T	.12		T	.39	.14	T		T	T	T	T		.03	.21	T	.25	T	T	T	T	T	.48	T		1.35	1.60	T	T	.
GOLDEN POND 8 N	-				.11		.15	.29					T				.20		.15		.03				.49			-	-			.
GREENVILLE 2 W	5.26			.36	.77		.22	.11					.04				.19		.33	.03					.39			1.41	1.41			.
HARTFORD 6 NW	5.25				.12	.04	T	.57	T	.53			.04			T	.39		.45	T	.06				.31			.24	2.27	.23		.
HENDERSON 7 SSW	4.91	T	.66	.41			.58	.08	T	T		.07				.04	.08		.20	.03					.45		T	.91	1.40			.
HICKMAN 1 E	5.75		.11	.16	T		.35	.04				.03	.02			.06	.33	.03	.24	T					.66			1.51	2.21	T		.
HOPKINSVILLE	5.00				.86		.07	.17	.01	T			.04				.19	T	.04	T					.32	T		.20	2.80	.30	T	.
LOVELACEVILLE	5.18		.17	T			.38	.18				.03					.25		.16						.58			1.45	1.98			.
MADISONVILLE 1 SE	4.26				.26		.11	.23					.06				.23	T	.20	.05	T				.25			.36	2.28	.23		.
MAYFIELD RADIO WNGO	4.83			.25	.28		.45	.10	T			.03				T	.41	T		T						T		1.60	1.71			.
MURRAY	5.04				.03		.06	.18					T				.18		.34						.49			.66	3.10			.
OWENSBORO 2 W	4.66			.16	.55		.50	.20	.05	T			.05				.20	T	.07	.03					.35			.51	1.83	.16		.
OWENSBORO DAM 46	4.45			.19	.46		T	.65	.06	T	T		.03				.18	T	.07	.04	T				.32			.12	1.70	.63		.
PADUCAH FAA AIRPORT	5.51	T	.18	.32	T	T	.56	T				T	T			.26	T	.17	T	T				.20	.08		T	1.80	1.94		T	.
PADUCAH	5.02		.07	.23	.18		.32	.16				T	T			T	.19		T	T					.52			1.35	2.00			.
PARADISE STEAM PLANT R	4.87				1.20		.10	.19	.03	.02			.05				.18		.08						.31			.30	2.30	.11		.
PRINCETON 1 SE	4.62		T				.25	.22	.03	T		.01	T			T	.21		.15	T					.40			1.39	1.96			.
ROCHESTER LOCK 3	4.53				.34		.05	.30		.04			.09				.16		.15	.03					.26			.26	2.47	.38		.
RUSSELLVILLE	5.14				.22		.05	.18	.06				.12				.28			T					.37			.10	3.25	.51		.
SEBREE	4.17		.22	T	.14		.45	.16		T			.07			T	.17		.14	.04					.38			*	2.40			.
UNIONTOWN DAM 49 //	4.60		.12	.30	.13		.01	.57	T				.06				.28	.02	.15	.02	T				.45			.29	1.75	.45		.
CENTRAL 02																																
ADDISON DAM 45 //	4.21			.05	.24			.64	.05				.04	T			.30	.02	.14	.07	T				.28			.08	1.80	.50		.
ALBANY 4 N	4.49				.10			.28	.08				.19				.16		.78		.05				.16	.16			2.13	.40		.
ANCHORAGE	3.11		T				.33					.02	.12			T	.35	.01	.15						.19			.80	1.09	.05		.
BARDSTOWN NAZARETH COL	2.94				.03		.20	.12					.19				.18	T		T					.22			*	2.00			.
BARREN RIVER RESERVOIR	4.86				.33		T	.22	T	T			.15				.38		.33	T	T				.06	.26		T	2.83	.30		.
BOWLING GREEN	5.16				.52		.07	.23	T				T				.47		.10						.27			.05	3.30	.05	.10	.
BOWLING GREEN FAA AP	4.99			.34	.02		.30	.05	.03			.10	.01			.38		.29	.01	.02					.33			2.30	.81	T		.
BRADFORDSVILLE	4.33							.72					T				.62		.30	T					.32			.29	1.82	.26		.
BROWNSVILLE	4.75				.40		T	.32	.03	.01			.09				.40		.08	.02	.01				.22	T		.12	2.70	.35		.
BURKESVILLE 2 W	4.92							.21		.13			.17				.38		.98						.33			.15	2.17	.40		.
CAMPBELLSVILLE 2 SSW	4.51		.15		.06		.38	.07		.07		.01	.20				.39	.24	.10	.10					.24			.84	1.66	T		.
CANEYVILLE	5.27				.66			.47		.09			.12				.32		.11	T	.06				.21			.28	2.53	.42		.
CECILIA	3.97				.05		.10	.15	.04			T	.15				.26	.01	T	.13					.15			1.49	1.40	.04		.
CLERMONT 1 SSE	3.36		T		.01		.19	.14				T	.16				.18		.09	.05					.25			.91	1.38			.
EDMONTON	3.91						.12	.18					.06	.05			.30		.48						.20	.20			2.02	.30		.
GAMALIEL 1 S	4.90				.06	T	T	.06	.04				.24	T		.27	T	T	.73	.05	T				.26	.14			2.67	.38		.
GLASGOW	5.31				.28			.34				T	.22				.38		.42						.42				2.89	.36		.
GLASGOW WKAY	5.20			T	.31		.30	.07	T			.06	.11				.43	.40		.01					.34			1.27	1.90			.
GLENDALE 1 E	3.69				.07			.32	.05				.12				.26		T	.05					.22			.20	2.00	.40		.
GREENSBURG	4.29		T		.13			.45	.03				.17				.36		.33	T	.03				.21	.06		.07	2.23	.22		.
GREENSBURG HIWAY 61	4.14				.10			.40	.02				.18				.37		.35	.01	.01				.17	.08		.06	2.19	.20		.
HODGENVILLE-LINCOLN NP	4.54		T		1.09		.22	.13	.02	.02			.11				.35	T					.06		.20			.82	1.52			.
IRVINGTON	-				.19		.49	.38					.10				.34		.25	.05							-	-	-	-	-	.
LEITCHFIELD 2 N	4.08				.29			.34	.01				.07				.35		.06		.03				.17			.29	2.30	.17		.
LIBERTY	4.14							.47	.03	.02			.14			.02			.96	.01	.02				.10	.20	.07		1.85	.25		.
LOUISVILLE	3.13				T		.30	.15	T				.04				.37	T	.10		T				.25			.67	1.25	T		.
LOUISVILLE WB AP R	3.34		T	.09			.40	.09	T			.06	T			.27	.02	.10	.04	.03	T				.24			1.10	.89	.01		.
LOUISVILLE UPPER GAGE	3.21			.04	.07		T	.42	.01				.03	T			.35	.05	.06	.03	T	T			.16	T		.03	1.31	.65	T	.
MAMMOTH CAVE PARK	5.01		.06		.20		.22	.08	.06	T		T	.12				.47	T	.20	.11	T				.27			.72	2.50			.
MILLERSTOWN	3.83				.11			.25	.10								.35		.03		.06				.20			.25	2.22	.26		.
MUNFORDVILLE	5.02			T	.33		T	.41	.08	T			.24				.32		.22	.06	.02				.27			.14	2.65	.28		.
NOLIN RIVER RESERVOIR	4.15				.33				.39	.05		.08				.30			T		.05				.20			*	*	2.75		.
ROUGH RIVER DAM	3.48				.40		.03	.57	.03	T			.08	T		T	.30		.05	.07					.25			.25	1.10	.35		.
SCOTTSVILLE 3 SSW	5.71				.07		.27	.13	.05			.05	.07				.46	.58		.10					.53			1.22	2.18			.
SCOTTSVILLE 2 SW	5.09				.04			.25	T				.15				.25		.35	.02	.05				.38			.10	3.10	.40		.
SHEPHERDSVILLE	2.57		T		.06		T	.28					.12				.26	T	.03	T	T								1.82			.
SUMMER SHADE	4.58				.02		.19	.26				.06	.16				.30	.70	.03	T					.46			.77	1.63			.
WOLF CREEK DAM	4.73				.07		T	.20	.13				.17				.16		.94	.06					.24	.14		.05	2.29	.28		.
WOODBURY LOCK 4	4.26				.32			.25	.07	T	T	T	.11	T			.27	T	.05	.03	T				.22			.21	2.39	.34		.
BLUE GRASS 03																																
BEREA COLLEGE	3.85		.02				.40	.28	T			T	.19	T			.31	.43	.39	.12	.02				.34			.44	.91			.
BEREA	3.71		.02					.50	.17				.14	.01			.30		.81	.06	.04	T			.06	.26		.01	1.13	.20		.
CARROLLTON LOCK 1	3.15			.05	T		T	.35	.08				.14	T			.46	.03	.13	.02	.04	T			.21			.11	1.22	.31		.
COVINGTON WB AIRPORT R	3.21		.03	.03		T	.17	.43	T	T		.06	.02	T	.01	.37	.34	T	.12	.08	.01				.23		T	.37	.93	.01		.
CYNTHIANA	2.97			.06					.37	.11				.18	.01		.21	T	.07	.06	.09	T			.05	.03		T	1.61	.12		.
CYNTHIANA 2	2.70			T				.39	.10				.18				.20	T	T	.03				.10				.31	1.25	.14		.
DANVILLE	3.67		.02					.57	.14				.18				.28		.35		.06	T			.09	.12		.03	1.67	.16		.
DIX DAM	3.39	.55							.10	T			.14				.31		.37	T	T				.20				1.72			.
FALMOUTH 5 WNW	3.28			.02			T	.45	.07				.31	.04			.33	.09	.14	.03	.09	T			.05	.13		.09	1.12	.32		.
FARMERS 1 WNW	3.15		T					.74	.06	T			.14	.15			.31		.60	.02	.02				.10	.12		T	.84	.05		.
FLEMINGSBURG	3.04			.03			.05	.61	.16	T			.18	.02			.25		.33	.04	.04	T			.07	.04		.02	1.05	.15		.
FLEMINGSBURG 1 SW	2.95		T	.03			.39	.35	.03				.22				.24	.25	.04	.05	T				.15			.25	.92	.03		.
FORD LOCK 10	3.26						.01	.59	.07				.09	T			.35		.58	T	T	T			.06	.18		T	1.15	.18		.
FRANKFORT LOCK 4	2.44							.19	.02				.23	T			.16	T	.04	.02	.04				.12	T		.01	1.53	.08		.
GEORGETOWN WATER WORKS	3.01			T				.42	.04				.20																2.12	.23		.
GEST LOCK 3	2.91			T				.31	.12	T			.32	T			.23	T	.05	T	.04				.23	T		.03	1.29	.29		.
HIGH BRIDGE LOCK 7	3.85		.02					.48	.25				.20				.31		.40	T	T	T	.06		.12			.07	1.80	.14		.
KEENE 1 SSW	3.58							.47	.12				.26				.31		.28		.05				.22			.14	1.61	.12		.
LA GRANGE 1 ESE	4.21		T	.01			.27	.18	T	T		T	.22			T	.33	T	1.13	T	T				.25			.70	1.09	.03		.
LANCASTER	3.84		.12					.54					.10						1.04							.41			1.42	.21		.
LEXINGTON WB AIRPORT R	3.23		T				.33	.09	T			.20	.04		T	.14	.18	.28	T	.02	T				.14			1.21	.60	T		.
LITTLE HICKMAN LOCK 8	3.39							.51	.14				.10				.30		.48		.04				.11	.03			1.54	.14		.
LOCKPORT LOCK 2	3.16			.07	T			.35	.04	.09			.35				.26	.04	.07	T	.06				.20			.06	1.24	.33		.
MAYSVILLE SEWAGE PLANT	3.08			.12			T	.38	.09				.19	.05			.26	.08	.06	.12				.05	.04		.08	1.25	.31			.
MIDWAY	3.22			.02				.46	.05								.42	T	.07		.07				.12			.05	1.73	.23		.
MOUNT STERLING	D 2.99	T	T				.43	.33				0 .040	.09		T		.32	.64		T					.17			.31	.66			.
OWENTON 2 S	3.75	T		.04			.33	.14	.03				.36				.43	.02	.17	.15	.04				.22			.48	1.30	.04		.
RICHMOND	3.89		.10					.66	.07				.22				.32		.71	T	T				.20	.21		.03	1.28	.09		.
SALVISA LOCK 6	4.23		.08					.43	.14				.30		.02		.31		.30	.03	.04				.20	T	.03	.12	2.01	.22		.
SHELBYVILLE	3.42			T				.28	.14				.25			T	.25	T	.06	.02	.04				.29			.04	1.75	.30		.
SPRINGFIELD	3.91							.35					.22					.15	.45	T					.20	.10		.17	2.27			.
TAYLORSVILLE	3.38			T				.42	.02				.26	.02			.18	.02	.04	.04	T				.20			.05	1.78	.35		.
TYRONE LOCK 5	3.38			T				.42	.05	T			.29	.05			.25	T	.05	.03	.01	T			.12	T		.04	1.93	.14		.
VALLEY VIEW LOCK 9	3.32		.02					.53	.09	T	T		.09	.01			.32		.47		.01	T			.07	.12		.02	1.51	.06		.
WARSAW MARKLAND DAM	4.32			.05				.36	.08				.16	.04			.52	.55	.15	.65	.05	T			.23			.11	.84	.53		.

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	3.74						T	.38					.18	T	T		.34	T	.98									T	1.48	.38		
WILLIAMSTOWN 3 NW	2.83	T	T	.01			.32	.12	.02	.01		.05	.17	.01		T	.38	T	.11	.05	T	.01			.17		.01	.41	.96	.02		
* * *																																
EASTERN 04																																
ASHLAND	2.93						.10	.30	.14				.18	.13			.32		.76	.06	T	T			.19	.04			.63	.08		
BARBOURVILLE	2.57					.02		.24	.11		.07		.08	T			.12		.99	.04	.11				T	.23			.26	.30		
BAXTER	2.35					.13		.18	.09	T	.08		.21	.21			.21		.68	.04	.14	T				.19			.11	.08		
BLAINE 2 W	2.70							.25						.57			.25		.73	T									.85	.05		
BUCKHORN	1.75					T		.25	.09	T	T		.12	.03			.13		.31	.04	.20	T			T	.22			.36	T		
BURDINE 2 NE	1.68							.40	.20				.25	.20					.38	.10						.15						
CLAY CITY 1 WNW	3.95		.10					.60	.10				.20				.35		.80						.15	.20			1.35	.10		
COLLEGE HILL LOCK 11	3.36		.03				T	.61	.04	T			.11	T			.25		.72	T	T	T			T	.23		T	1.34	.03		
CUMBERLAND	2.39						.32	.20		.11		.04	.45	.16			.08	.24	.22	.05	T				.41			T	.11			
CUMBERLAND FALLS ST PK	1.99				.06		.10	.11	.16			.10				.11		.35	.10		.10				.27			.14	.39			
DEWEY DAM	1.89						.46		.10		.05		.20		.35		.02		.33	.03	T					.20			.15	T		
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FOURMILE KY UTIL PARK	1.88							.17	.16		.12		.22	.04			.02		.72	.03	.10					.21			.09			
FREEBURN 2 SW	2.80					.02		.60	.19	T	.26		.30	.39			T		.53	.14	.07	.12				.10			.08			
FRENCHBURG	2.29					.02							.07				.10			.50	.20	.20			.40		.20	.10	.20	.10	.20	
GRAYSON 3 SE	2.73		T				.11	.28	.12				.12	.03			.32		.79	.05	.07				.02	.08		T	.68	.06		
HAZARD WATER WORKS	2.58					.22		.27	.15		.09		.32	.15			.14		.68	.05	.07	T				.26			.18			
HEIDELBERG LOCK 14 R	2.47							.50	.08	T			.11	T			.18		.45	T	.08	T				.20			.82	.05		
HINDMAN 11 NNE	2.39							.51	.12		.12		.24	.14			.12		.62		.05				.10	.12			.25			
HYDEN	2.22							.25	.06		.07		.27	.12			.11		.88		.05				T	.23			.18			
JACKSON	1.59							.18	.09				.13	.06			.12		.32		T				T	.14			.55	T		
JEREMIAH	.99												.39							.60												
LLOYD GREENUP DAM	2.71			.33			.08	.26	.12				.09	.07			.25		.51	.01	.06	.01			T	.07		.04	.51	.30	T	
LONDON FAA AP	2.38				T		.16	.13	T	T		T	.06			.12	.05	.49	T	.04	T				.23			.61	.49			
LOUISA 2	2.11							.32	.26	T	T		.16	.09			.21		.35	T	T					.08		.10	.49	.05		
MANCHESTER 4 SE	1.90							.42	.09				.17	.06			.12		.53							.15			.36			
MARTIN	2.02							.66	.20					.11			.12		.55	T	T	T				.20			.18			
MC KEE	2.72							.29	.03				.11	.05	T		.24		.56	.08	.05	T			.01	.25		T	.91	.14		
MIDDLESBORO	1.86					.12		.10	.09		.09		.12	.12			.19		.78	T	.05	T				.04			T	.16		
MONTICELLO	3.95				.10	.02		.26	.14	T			.16	.12			.23		.61	.05	.02				.09	.17			1.72	.26		
MOUNT VERNON	4.62						.44	.30				T	.25				.26	.49		.60	.01				.25			.53	1.14		.35	
ONEIDA	1.82							.20	.17				.15	.06			.15		.26	.05	.05					.25			.48			
PAINTSVILLE 1 S	1.95							.36	.34			.15	.20	T			.06		.30	T	T					.20			.34	T	T	
PIKEVILLE	2.53				.02		.31	.45	.05	.08		.02	.43	T			.07	.22	.49	.11	T				.21			.07	T			
RAVENNA LOCK 12	3.25		.01					.57	.05	T			.22	.01			.27		.92	.01	T	T			.09	.17		T	.93	7		
SALYERSVILLE 2 SE	1.82							.53					.20	.10			.12		.33		.08								.46			
SOMERSET 2 N	D 4.20						.34	.13				0 .05	.46					1.10		D .28					.27			.37	1.20			
STEARNS	2.24				.04	.12	T	.09	.15	T			.26	.07			.12		.51	.02	.05								.81			
TILFORD	1.93						.06		T	.42		.04	.46					.30							T	T	.65					
TOMAHAWK 1 WSW	1.78							.13	.21		.04		.21	.13			.21		.38	T	.11	T			T	.10			.26			
VANCEBURG	D 2.78			.18			.56	.32					T				.03		.49	.050	.10							.34	.59	.02		
WEST LIBERTY	2.82			T				.32	.22	T			.12	.05			.21		.78		T	T				.10			.95	.07		
WILLIAMSBURG 1 E	2.61					.07		.16	.16				.20	.03			.17		.94	.09					.17				.56	.06		
WILLOW LOCK 13	3.18				.05		.02	.33	.16				.13	.06			.19		1.02	.01	.05				.02	.13		.03	.90	.08		

SPECIAL WEATHER SUMMARY

November was a cloudy month. The number of cloudy days, ranging from about 20 to 24, was 50 percent greater than long-period averages over the greater part of the Commonwealth. At Louisville, the sunrise to sunset average sky cover was slightly over eight tenths, the highest value recorded for the month of November since 1905, the beginning of such record.

Winds were on the high side statewide on the 28th, though not the highest of record. The fastest observed 1-minute wind speed at Louisville was 50 m.p.h. (the record for November, 60 m.p.h., recorded in 1952); at Lexington, 30 m.p.h. (the record for November, 52 m.p.h in 1929. No major damage was reported. There was, however, minor damage to trees and utility lines at scattered locations over the State.

Allen B. Elam, Jr.
ESSA-Weather Bureau State Climatologist
Room 205, Agricultural Experiment Sta.
Agronomy Dept., Univ. of Kentucky
Lexington, Kentucky 40506

See reference notes following Station Index.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	78	67	65	61	60	55	52	47	45	47	40	43	52	63	66	61	63	50	41	38	59	66	68	65	57	62	59	63	46	48		56.2
	MIN	51	51	52	49	43	50	45	41	32	26	33	32	19	42	55	49	39	32	31	16	23	26	39	45	25	36	45	46	30	29		37.7
BEAVER DAM	MAX	81	73	68	65	62	57	54	47	43	43	41	42	49	63	68	62	59	58	41	39	56	61	70	66	61	62	60	61	48	48		56.9
	MIN	52	54	51	47	48	50	45	41	32	25	26	34	17	34	55	53	43	40	30	29	20	26	41	47	26	36	48	47	38	30		38.8
FORDS FERRY DAM 50	MAX	78	65	58	59	60	57	52	50	40	44	40	42	49	63	62	62	61	45	39	39	57	62	70	68	59	61	56	62	42	48		55.0
	MIN	53	54	51	50	46	51	44	39	30	32	32	29	22	46	56	49	43	32	28	27	21	33	44	38	33	42	45	41	30	33		39.1
GILBERTSVILLE 1 SE	MAX	79	67	61	60	60	57	54	47	43	45	40	43	50	63	66	61	62	61	41	39	58	62	70	67	59	64	61	61	47	49		56.6
	MIN	58	56	53	50	43	52	44	41	35	29	35	34	19	42	56	51	46	33	33	20	26	32	50	46	30	42	47	45	32	33		40.4
GOLDEN POND 8 N	MAX	83	80	70	64	60	61	58	48	47	43	47	41	45	51	65	67	57	64	46	42	41	60	63	71	58	62	65	63	63	42		57.6
	MIN	51	58	50	50	47	47	46	40	35	31	33	34	24	25	49	50	46	35	33	25	26	31	38	47	32	34	47	48	32	29		39.1
GREENVILLE 2 W	MAX	81	70	64	62	60	58	52	45	44	40	45	42	50	62	68	63	60	57	41	41	57	59	70	65	60	62	59	61	46	48		56.4
	MIN	51	55	52	49	47	48	44	39	32	23	26	31	18	38	55	52	42	38	30	24	22	30	39	47	29	39	47	45	36	29		38.6
HENDERSON 7 SSW	MAX	79	64	59	62	61	57	52	47	42	42	40	45	49	62	64	59	58	56	39	39	58	62	69	64	59	60	56	62	45	48		55.3
	MIN	59	54	50	48	44	52	43	38	34	30	28	33	22	38	54	51	42	35	31	29	27	33	43	44	32	39	45	45	37	32		39.7
HICKMAN 1 E	MAX	79	77	65	60	60	58	51	45	43	46	40	42	50	64	65	60	62	57	40	38	58	66	68	64	58	63	60	60	43	48		56.3
	MIN	56	52	52	46	44	41	44	39	30	23	33	31	18	44	55	47	40	32	30	20	20	28	43	45	29	36	45	43	31	29		37.5
HOPKINSVILLE	MAX	83	81	75	71	59	62	61	48	47	46	46	42	45	50	63	67	59	59	47	41	42	58	66	70	60	63	63	61	61	42		57.9
	MIN	44	49	52	52	49	49	45	39	32	28	29	33	20	20	44	55	42	36	30	22	21	22	29	46	29	29	37	47	35	31		36.5
LOVELACEVILLE	MAX	77	67	64	63	60	56	51	48	44	47	41	44	54	63	66	62	64	57	40	38	60	67	69	63	59	62	59	62	43	50		56.7
	MIN	53	52	51	49	41	50	45	40	31	28	34	32	18	42	54	48	40	34	32	17	21	27	40	46	29	35	50	43	29	29		38.0
MADISONVILLE 1 SE	MAX	80	68	67	62	61	60	52	46	44	43	41	43	49	62	67	64	63	53	41	41	57	62	69	66	61	62	61	61	47	49		56.7
	MIN	57	52	50	48	47	48	42	39	30	25	25	32	17	33	53	50	39	35	30	25	21	30	36	45	28	34	45	44	35	27		37.4
MAYFIELD RADIO WNGO	MAX	81	72	69	62	60	60	56	50	43	51	40	46	55	63	67	64	67	67	40	40	61	73	73	69	74	66	65		58	53		60.2
	MIN	55	55	51	52	45	51	46	41	32	25	24	32	18	39	40	48	41	31	33	19	23	28	57	49	28	35	41		30	30		37.9
MURRAY	MAX	81	78	73	66	60	59	56	48	45	45	46	39	41	51	64	66	55	62	45	39	39	58	66	72	59	60	64	63	60	42		56.7
	MIN	54	57	54	50	49	49	46	42	31	27	33	33	21	24	49	53	44	34	32	22	25	29	36	49	32	34	45	49	34	31		38.9
OWENSBORO 2 W	MAX	81	68	62	66	62	62	52	48	47	45	42	42	48	61	65	58	60	57	40	39	57	65	70	65	60	62	57	62	50	52		56.8
	MIN	53	54	45	48	43	48	45	41	33	28	28	33	21	42	53	42	42	37	32	29	25	29	39	36	29	39	45	45	37	33		38.5
PADUCAH FAA AIRPORT	MAX	77	65	57	61	59	56	48	46	43	45	40	41	51	62	65	59	62	44	38	38	58	64	68	59	58	61	57	63	42	50		54.6
	MIN	55	53	51	47	42	47	42	38	29	29	35	25	20	46	56	48	40	32	25	20	29	31	51	38	30	43	44	42	32	30		38.3
PADUCAH	MAX	79	68	64	61	60	59	54	49	45	47	42	43	51	63	66	62	63	62	41	39	61	63	70	67	60	62	62	62	47	50		57.4
	MIN	59	53	51	48	42	51	43	41	32	29	34	32	21	44	53	49	42	32	33	22	26	29	41	45	29	37	44	44	33	32		39.0
PRINCETON 1 SE	MAX	79	73	65	61	61	58	53	46	45	45	40	43	50	63	66	64	63	60	39	39	58	65	70	67	61	63	60	62	46	48		57.1
	MIN	57	56	52	49	43	52	44	39	33	28	29	33	17	41	56	52	46	34	32	24	25	30	46	47	30	39	48	45	35	29		39.7
ROCHESTER LOCK 3	MAX	82	79	71	72	66	59	58	50	47	43	45	42	43	49	63	67	60	59	45	40	41	52	62	69	57	61	63	60	62	43		57.0
	MIN	41	54	49	48	49	51	47	44	33	26	26	33	21	21	46	55	42	42	33	25	22	26	31	49	28	30	42	47	40	31		37.7
RUSSELLVILLE	MAX	81	80	75	74	68	60	58	48	48	47	43	41	44	48	63	65	60	67	47	40	40	56	65	63	60	59	63	60	60	48		57.7
	MIN	53	56	50	52	50	51	46	40	31	24	25	30	18	19	45	54	43	40	32	25	21	28	36	48	29	30	40	47	37	30		37.7
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	81	73	62	65	61	58	53	48	44	43	41	40	47	54	65	59	56	54	39	35	54	63	70	64	56	62	57	63	49	47		55.4
	MIN	55	54	51	42	45	50	44	39	27	24	25	33	21	33	53	52	46	37	30	26	21	32	40	45	32	38	47	47	37	29		38.5
BARDSTOWN NAZARETH COL	MAX	80	80	65	64	60	57	51	44	41	38	37	37	44	58	62	58	54	53	36	33	50	61	65	66	54	57	54	59	59	41		53.9
	MIN	30	31	47	42	45	49	42	33	30	23	25	26	24	34	52	51	44	36	29	28	23	34	35	36	31	33	45	47	37	29		35.7
BARREN RIVER RESERVOIR	MAX	80	80	76	76	69	62	57	50	48	48	41	40	44	52	62	63	65	58	49	40	40	55	62	68	58	60	63	62	62	46		57.9
	MIN	37	37	54	54	50	50	49	41	33	23	24	24	20	21	45	54	43	43	32	25	21	25	37	37	28	29	38	47	39	34		36.5
BOWLING GREEN FAA AP	MAX	80	74	75	68	59	58	53	46	45	42	40	43	47	61	62	62	56	48	38	41	54	60	69	58	60	61	58	63	45	46		55.7
	MIN	50	55	49	52	52	52	45	38	31	26	27	26	22	39	53	46	44	36	27	26	22	32	37	36	29	33	47	44	37	32		38.2
BRADFORDSVILLE	MAX	80	80	75	70	67	65	64	53	47	46	43	40	38	49	64	67	67	57	48	39	46	60	64	69	58	59	62	64	64	45		58.3
	MIN	52	48	49	45	41	50	49	39	29	20	23	32	19	21	45	52	43	41	32	29	18	26	29	48	24	36	45	48	39	29		36.7
CAMPBELLSVILLE 2 SSW	MAX	79	74	74	72	62	62	54	47	45	44	40	37	48	57	64	64	55	55	39	38	50	60	67	66	66	62	54	61	48	48		56.4
	MIN	53	56	51	47	48	51	45	39	32	39	26	32	22	35	52	53	46	38	30	28	24	32	39	46	29	37	45	40	38	33		39.5
CECILIA	MAX	80	80	76	66	64	58	55	47	45	41	40	39	49	57	66	60	56	55	40	38	53	63	69	63	59	60	58	60	49	46		56.4
	MIN	39	47	46	42	41	45	42	35	27	20	24	29	19	30	51	50	40	36	27	25	18		30	44	25	31	43	45	35	28		35.0
CLERMONT 1 SSE	MAX	82	73	67	68	66	60	55	44	46	43	41	41	48	57	66	63	56	57	41	37	53	65	70	67	58	62	59	62	57	47		57.0
	MIN	52	53	46	44	43	48	44	40	27	22	27	32	19	27	53	45	42	36	29	28	29	27	35	45	28	33	46	48	37	28		37.1
GLASGOW WKAY	MAX	79	73	74	66	61	55	52	46	46	38	34	39	48	58	62	63	53	53	38	37	51	55	66	58	59	60	53	60	47	46		54.3
	MIN	50	50	48	50	49	48	43	39	31	24	27	30	18	28	51	49	42	38	30	25	20	28	35	43	28	35	45	47	37	32		37.3
GREENSBURG	MAX	80	80	76	73	69	69	56	53	53	49	44	40	40	50	60	66	65	57	48	39	40	53	62	69	59	61	62	61	65	45		58.1
	MIN	38	49	48	50	49	49	52	40	33	23	25	28	23	22	43	52	45	43	32	30	22	21	29	33	28	28	30	46	40	30		36.0
HODGENVILLE-LINCOLN NP	MAX	81	79	72	65	67	60	53	46	46	41	42	39	49	57	66	63	59	55			54	62	68	66			60	62	59	47		58.4
	MIN	54	54	51	47	46	49	45	37	30	21	27	33	20	32	51	53	43			28	21	32	39	47	28			49	38	30		38.7
IRVINGTON	MAX	82	74	64	66	65	57	55	46	44	42	42	40	46	58	66	64	58	56	40	37	55	65	69	66	60							56.7
	MIN	57	52	51	48	45	50	44	38	29	30	29	33	18	38	54	53	43	38	30	28	20	28	35	46	26							38.5
LEITCHFIELD 2 N	MAX	80	72	72	65	59	56	54	48	43	41	41	39	48	61	66	61	56	55	41	39	54	63	68	70	60	60	56	62	51	48		56.3
	MIN	48	54	49	48	50	49	44	38	32	22	24	33	22	29	54	50	42	37	30	30	21	27	32	45	27	34	46	47	38	30		37.7
LOUISVILLE	MAX	82	77	66	68	66	65	54	45	45	43	41	41	48	56	66	67	57	57	43	37	55	63	70	69	58	61	60	65	50	52		57.6
	MIN	62	59	53	47	51	52	43	41	32	32	30	34	29	29	55	53	48	39	32	29	28	40	40	48	40	40	49	50	41	36		42.1
LOUISVILLE WB AP	MAX	82	71	63	66	61	55	54	51	44	43	42	41	48	59	67	61	57	55	40	37	55	66	70	63	58	62	57	64	44	47		56.1
	MIN	61	55	51	46	47	52	44	38	31	31	29	32	26	38	54	52	48	38	32	28	23	30	39	37	31	36	50	44	38	33		39.8
MAMMOTH CAVE PARK	MAX	80	74	72	66	63	57	55	46	46	40	39	49	48	60	64	61	57	55	41	39	52	61	68	63	59	61	58	60	50	48		56.4
	MIN	57	53	48	45		44	43	38	30	21	23	32	18	30	52	54	44	39	28	27	19	33	38	47	27	36	43	47	37	30		37.3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NOLIN RIVER RESERVOIR	MAX	81	81	75	69	69	61	57	49	49	45	41	41	41	49	62	65	62	57	45	37	41	54	64	69	59	61	61	60	62	43		57.0
	MIN	51	53	49	49	51	48	47	40	29	24	34	33	21	20	47	54	43	41	33	29	21	30	38	47	27	32	47	47	39	31		38.5
ROUGH RIVER DAM	MAX	82	81	71	69	69	59	57	48	47	44	44	42	41	50	60	67	60	58	44	37	40	56	65	70	57	60	61	60	61	41		56.7
	MIN	49	57	50	46	45	48	46	39	31	25	29	33	21	21	46	54	45	40	32	27	23	27	32	47	29	29	42	46	38	29		37.5
SCOTTSVILLE 3 SSW	MAX	79	75	75	71	61	58	55	46	46	40	38	43	48	60	61	66	58	54	40	38	53	65	68	62	59	61	58	63	50	46		56.6
	MIN	56	55	56	52	50	51	44	40	33	26	30	32	22	36	52	53	45	40	31	24	23	36	46	48	34	38	45	50	38	33		40.6
SUMMER SHADE	MAX	79	75	75	70	62	56	53	49	47	42	41	38	48	57	62	66	56	56	38	39	52	61	67	61	59	60	54	64	49	47		56.1
	MIN	50	48	50	42	45	46	42	38	32	20	25	31	17	27	51	53	40	36	30	20	20	29	36	47	27	33	45	48	37	33		36.6
WOLF CREEK DAM	MAX	80	80	77	76	69	65	57	55	50	44	43	41	38	50	58	67	70	58	50	38	38	52	60	69	59	61	62	67	68	45		58.2
	MIN	44	46	44	50	47	49	53	41	37	33	26	33	22	26	41	51	45	44	33	28	20	25	27	37	23	28	30	46	41	36		36.9
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	79	74	74	67	68	61	55	52	44	41	38	34	46	55	63	68	62	54	39	33	49	61	65	61	53	60	58	67	60	44		56.2
	MIN	58	57	51	49	44	52	45	39	33	26	23	32	26	33	52	52	49	39	29	26	24	38	40	47	34	39	45	47	39	34		40.1
CARROLLTON LOCK 1	MAX	81	81	64	65	66	61	54	53	46	41	42	42	47	56	61	61	55	55	42	35	53	62	69	69	55	60	60	65	56	45		56.7
	MIN	51	50	49	43	42	50	48	40	30	25	26	34	25	30	52	49	48	40	32	28	21	31	33	47	28	35	47	49	39	30		38.4
COVINGTON WB AIRPORT	MAX	79	68	55	65	62	56	53	45	40	40	42	38	45	55	58	60	54	54	37	32	49	61	68	61	53	58	52	64	45	44		53.1
	MIN	55	52	48	45	42	50	39	37	31	25	31	34	26	32	50	49	48	37	29	24	22	30	41	36	31	40	46	45	38	31		38.1
CYNTHIANA 2	MAX	78	80	72	65	70	70	64	60	55	42	54	40	39	46	53	65	60	54	45	35	48	62	68	55	56	57	61	55	55	45		57.0
	MIN	45	46	50	40	37	44	51	35	28	20	22	32	24	23	45	52	45	40	33	26	17	26	40	25	25	22	37	49	34	30		34.8
DANVILLE	MAX	79	79	73	68	67	67	55	53	46	47	41	40	37	47	56	65	67	56	46	36	34	50	61	66	55	56	59	61	65	41		55.8
	MIN	44	55	51	47	46	46	51	38	33	26	26	26	26	26	43	49	47	42	31	28	22	22	34	44	38	34	37	38	38	31		37.3
DIX DAM	MAX	60	77	71	67	67	66	55	49	45	40	40	40	47	55	66	63	65	52	43	35	50	63	65		60		59	65	61	44		56.8
	MIN	51	53	51	45	43	51	46	36	30	24	27	30	23	32	49	50	50	40	31	26	23	34			35		42	42	37	31		38.2
FALMOUTH 5 WNW	MAX	81	70	64	69	65	57	54	49	43	41	42	38	48	54	62	61	55	55	38	34	52	63	69	62	56	61	57	65	54	45		55.5
	MIN	42	42	50	36	36	49	43	32	26	19	21	32	24	22	50	47	43	34	29	26	16	24	25	32	23	32	45	48	39	25		33.7
FARMERS 1 WNW	MAX	78	74	68	69	69	62	56	47	45	40	42	40	47	57	68	67	60	57	40	36	51	62	66	62	54	60	56	68	63	48		57.1
	MIN	42	45	50	47	41	52	46	39	28	21	23	33	28	25	49	49	45	39	30	27	18	33	28	48	24	28	46	48	41	35		36.9
FLEMINGSBURG 1 SW	MAX	77	70	65	68	68	60	54	45	43	39	41	38	45	50	65	64	59	52	39	32	47	60	65	60	53	58	55	65	50	45		54.4
	MIN	52	51	50	45	40	52	45	35	28	23	26	32	25	28	48	49	46	38	30	27	19	30	34	45	30	34	45	46	40	35		37.6
FRANKFORT LOCK 4	MAX	80	80	73	62	72	65	55	54	48	45	42	41	38	50	58	65	62	56	45	47	37	52	60	68	57	60	62	58	64	43		56.6
	MIN	32	48	50	43	44	45	52	39	31	24	24	26	25	24	44	52	49	42	33	28	21	22	29	31	28	29	30	42	39	31		35.2
LEXINGTON WB AIRPORT	MAX	77	72	63	67	68	56	54	46	43	39	41	36	46	55	66	65	55	55	36	32	50	60	66	59	54	58	55	65	44	45		54.3
	MIN	55	56	50	46	41	52	41	36	33	25	28	31	25	34	50	47	46	35	31	24	23	35	38	40	34	37	47	44	37	33		38.5
MAYSVILLE SEWAGE PLANT	MAX	74	78	69	60	70	69	58	57	47	43	44	44	41	48	58	64	56	48	38	34	50	62	67	55	55	60	56	65	46	45		55.4
	MIN	36	51	50	46	43	45	53	38	31	26	31	32	28	31	39	47	43	33	28	25	27	33	35	33	32	35	48	41	36	35		37.0
MOUNT STERLING	MAX	78	75	70	67	68	67	55	46	46	41	41	40	48	53	65	66	63	54	40	38	47	62	65	63	55	59	57	65	61	45		56.7
	MIN	51	53	50	47	41	53	46	37	30	25	26	32	24	27	49	51	46	37	30	24	21	34	34	47	33	32	45	47	38	35		38.2
OWENTON 2 S	MAX	80	76	64	68	65	62	53	46	44	42	41	40	46	52	62	59	57	55	38	35	50	63	67	65	55	58	56	62	56	48		55.5
	MIN	50	46	51	41	40	50	45	32	26	20	21	33	19	24	51	48	44	36	29	26	16	23	29	46	23	27	46	49	39	28		35.3
RICHMOND	MAX	78	79	74	67	69	69	54	54	45	48	41	39	39	49	55	60	68	55	48	35	34	46	63	65	56	57	60	60	65	42		55.8
	MIN	46	53	56	48	41	44	51	38	31	25	26	30	22	27	35	54	45	41	31	26	21	33	35	45	30	36	41	45	39	33		37.6
SHELBYVILLE	MAX	78	79	69	62	67	63	54	52	48	42	42	39	37	46	55	64	59	56	42	36	34	52	63	68	55	57	60	58	62	42		54.7
	MIN	41	54	50	43	43	48	50	38	29	25	25	29	21	21	42	50	46	39	32	26	21	22	31	39	32	33	36	42	38	31		35.9
WARSAW MARKLAND DAM	MAX	78	80	70	56	68	64	64	54	47	43	41	43	38	47	58	61	62	56	45	38	32	52	63	69	55	58	60	60	65	44		55.7
	MIN	37	48	50	46	40	41	51	38	31	26	24	30	28	23	40	49	48	42	32	27	20	22	27	31	28	28	37	47	40	32		35.4
WAYNESBURG 7 NE	MAX	78	73	70	67	65	62	52	53	44	40	38	33	43	55	62	67	61	59	42	33	49	62	65	59	55	59	54	65	58	45		55.6
	MIN	52	53	48	47	44	51	51	35	31	26	25	31	22	31	47	56	55	41	30	26	20	33	40	42	29	33	43	48	38	32		38.7
WILLIAMSTOWN 3 NW	MAX	79	72	59	68	65	60	52	48	42	42	41	36	46	54	60	59	55	55	38	32	51	62	66	62	55	59	56	63	52	44		54.4
	MIN	61	54	50	42	44	50	44	35	29	24	29	32	24	31	52	48	45	36	29	25	21	34	42	44	32	37	46	48	38	30		38.5
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	72	80	75	65	68	68	61	61	46	43	42	43	40	48	55	68	68	61	55	49	57	48	61	67	53	54	61	57	69	58		58.4
	MIN	34	45	50	45	42	44	51	40	28	28	24	26	30	26	33	45	43	46	34	27	19	27	29	29	26	26	30	45	42	39		35.1
BARBOURVILLE	MAX	77	81	77	76	71	71	60	58	47	44	48	44	35	49	56	65	72	61	50	38	33	52	62	67	61	59	60	60	68	47		58.3
	MIN	30	41	43	43	42	43	50	40	38	30	22	23	30	25	30	54	41	42	32	28	18	18	26	29	28	25	25	36	42	34		33.6
BAXTER	MAX	71	76	76	71	64	72	63	57	44	41	43	41	35	46	50	65	70	62	56	35	33	47	59	64	47	55	59	61	62	46		55.7
	MIN	27	38	45	45	46	47	49	40	37	30	24	24	30	24	26	37	39	40	32	27	16	17	23	26	28	27	27	37	42	31		32.7
BLAINE 2 W	MAX	76	79	76	73	69	70	73	58	45	40	42	42	38	48	55	67	70	57	55	38	33	48	62	68	57	54	61	51	71	45		57.4
	MIN	25	38	41	43	40	39	48	40	29	28	23	21	32	22	26	42	40	45	32	28	17	18	24	23	23	23	23	42	43	35		31.8
CUMBERLAND	MAX	78	79	76	72	68	72	57	61	42	43	40	35	45	53	63	70	62	64	43	33	49	63	62	58	53	58	59	70	67	44		58.0
	MIN	38	24	29	35	39	45	42	37	33	32	21	31	30	27	35	52	36	42	30	26	14	22	24	39	29	22	52	54	41	29		33.7
DEWEY DAM	MAX	70	76	75	70	67	67	62	69	46	41	46	43	45	37	52	66	69	70	54	39	34	48	58	66	56	51	60	54	74	47		57.1
	MIN	28	41	45	45	45	45	50	41	36	34	25	25	25	34	30	40	44	45	32	29	19	21	26	42	30	26	26	43	45	37		35.1
GRAYSON 3 SE	MAX	74	79	77	63	68	68	60	57	45	44	41	41	39	48	57	67	68	58	48	34	35	48	61	67	52	54	59	54	70	44		56.0
	MIN	28	45	47	44	41	43	52	40	27	23	21	21	30	23	32	47	48	48	30	28	18	23	25	27	25	25	26	47	42	36		33.7
HEIDELBERG LOCK 14	MAX	79	80	74	72	69	70	58	52	45	44	41	41	47	56	66	72	72	54	48	36	49	64	66	66	55	60	60	69	69	44		59.3
	MIN	41	44	46	45	40	50	51	41	38	25	21	33	28	24	38	44	42	43	31	28	19	25	26	47	25	25	34	46	42	34		35.9
HINDMAN 11 NNE	MAX	74	78	75	74	72	68	63	60	46	40	43	42	37	44	58	66	71	59	55	39	35	47	58	66	50	51	58	56	74	47		56.9
	MIN	27	39	42	45	42	44	51	40	34	31	22	31	33	23	28	39	42	46	33	27	18	21	24	26	26	23	23	37	43	35		33.2
HYDEN	MAX	76	79	76	75	68	73	62	58	47	41	43	41	35	45	57	66	71	56	51	38	34	42	62	67		55	58	51		71		57.1
	MIN	28	40	45	46	44	44	50	40	38	30	22	22	32	24	30	47	42	42	33	28	18	18	25	26		26	26	35		35		33.4
JACKSON	MAX	78	79	80	77	69	71	62	58	46	41	43	42	36	49	58	65	73	59	51	48	36	49	62	68	59	55	61	51	70	45		58.0
	MIN	30	43	46	46	43	44	51	41	39	27	22	24	32	26	33	39	47	48	34	28	19	22	27	29	29	27	27	41	42	34		34.7

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	78	74	75	68	67	56	54	43	40	41	38	33	45	53	63	70	55	53	36	31	50	60	66	56	54	59	55	69	48	45		54.5
	MIN	45	45	44	47	41	51	43	40	36	27	22	31	24	25	41	47	41	35	29	21	18	28	27	33	24	25	38	48	38	31		34.8
MANCHESTER 4 SE	MAX	80	78	77	72	70	65	57	49	43	44	40	39	49	57	65	73	68	59	43	34	50	62	67	64	60	61	55	70	65	46		58.7
	MIN	40	41	44	46	42	49	47	40	38	27	21	32	31	23	35	45	41	42	32	29	18	24	25	30	27	24	29	47	42	36		34.9
MC KEE	MAX	77	78	75	72	70	66	58	55	44	42	41	39	34	46	55	65	70	55	47	35	31	50	62	65	53	54	58	56	67	43		55.4
	MIN	29	40	42	42	39	39	52	39	36	23	18	21	28	28	39	40	40	43	31	27	17	18	25	26	25	22	24	42	39	33		32.2
MIDDLESBORO	MAX	69	76	75	73	68	70	60	59	45	40	44	40	34	47	48	64	70	61	52	38	32	47	61	62	50	56	58	56	65	45		55.5
	MIN	29	40	43	45	45	47	51	40	38	34	23	24	32	23	30	47	39	40	33	28	17	18	24	27	27	23	25	48	43	33		33.9
MONTICELLO	MAX	81	79	77	69	65	60	54	48	46	44	39	35	49	57	67	71	60	59	39	37	52	63	69	60	58	63	56	69	59	48		57.8
	MIN	46	47	46	51	42	52	44	39	36	30	23	32	21	27	50	54	44	39	30	27	19	29	33	44	26	31	38	38	40	35		37.1
MOUNT VERNON	MAX	79	74	75	70	68	63	58	45	44	40	40	36	46	55	62	69	65	56	40	33	49	62	66	64	55	61	56	67	60	50		56.9
	MIN	54	54	49	50	40	49	44	38	33	24	21	31	24	29	49	53	47	39	29	27	21	37	35	46	36	36	49	49	43	34		39.0
PIKEVILLE	MAX	82	78	77	69	73	60	61	52	45	44	43	38	48	55	67	76	59	54	46	35	54	64	69	54	58	65	48	72	72	47		58.8
	MIN	41	44	47	48	48	52	52	41	39	37	28	35	35	28	39	44	45	45	33	32	22	30	29	40	32	28	31	46	45	38		38.5
SOMERSET 2 N	MAX	78	83			67	61	55			45	40	35		56	62	66	58	53	39		49	58	65	56	54	60	52	67	58	43		56.7
	MIN	43	46			41	53	42			28	24	32		22	49	52	42	39	31		22	43	43	39	26	40	43	46	31	35		38.0
STEARNS	MAX	76	78		77	66	66	57	52	42	44	42	36	32	44	52	65	67	55	48	36	34	52	61	62	66	57	59	64	64	63		55.8
	MIN	43	51		52	44	44	51	38	36	34	24	27	22	22	32	42	43	43	29	27	19	19	32	40	31	29	21	48	39	31		34.9
TOMAHAWK 1 WSW	MAX	73	79	77	70	68	69	61	59	46	41	42	43	38	47	42	68	71	58	48	41	35	47	60	67	54	53	60	60	75	46		56.6
	MIN	25	36	44	42	37	40	44	39	29	32	22	26	32	20	27	35	39	43	30	27	16	17	22	24	23	21	21	42	42	34		31.0
VANCEBURG	MAX	76	71	61	66	66	64	51	49	43	38	39	41	46	50	56	62	63	53	43	39	46	58	64	61	60	57	58	63	60	41		54.8
	MIN	41	47	48	39	40	40	47	34	25	18	21	25	27	21	25	45	46	40	31	26	15	28	26	46	44	23	44	46	39	39		34.5
WEST LIBERTY	MAX	77	80	76	71	73	71	59	56	45	43	42	42	37	48	60	65	78	57	45	38	36	50	64	67	54	56	62	57	70	48		57.6
	MIN	29	40	46	45	41	41	51	40	32	25	23	23	31	24	34	42	44	45	35	25	25	26	25	25	24	24	27	40	38	32		33.4
WILLIAMSBURG 1 E	MAX	82	78	75	71	70	67	57	60	49	46	41	35	48	52	66	72	68	63	42	35	54	64	66	60	58	63	56	71	65	51		59.5
	MIN	46	45	47	51	45	53	46	38	34	30	24	32	27	29	46	54	45	42	31	29	20	32	32	46	27	28	32	50	42	29		37.7

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	24	4.1	8.6	35++	20	28	78	83	66	71	6	8	7	1	0	0	22	–	8.3
LEXINGTON WB AIRPORT	23	4.0	8.6	30++	22	28	77	82	63	67	6	3	6	1	1	0	17	–	7.7
LOUISVILLE WB AIRPORT	27	3.6	8.9	50	SW	28	75	81	60	66	4	7	4	1	1	0	17	39	8.1

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
HENDERSON 7 SSW	SNOWFALL									T										T												
	SN ON GND																															
HOPKINSVILLE	SNOWFALL																			T												
	SN ON GND																															
MURRAY	SNOWFALL												T																			
	SN ON GND																															
OWENSBORO 2 W	SNOWFALL									T										T												
	SN ON GND																															
PADUCAH FAA AIRPORT	SNOWFALL											T	T							T												
	SN ON GND																															
* * * CENTRAL 02																																
BARDSTOWN NAZARETH COL	SNOWFALL																			T												
	SN ON GND																															
BOWLING GREEN FAA AP	SNOWFALL											T	T						T	.2												
	SN ON GND																															
IRVINGTON	SNOWFALL																			T												
	SN ON GND																															
LOUISVILLE WB AP	SNOWFALL												T						T	.3	T											
	SN ON GND																															
	WTR EQUIV																															
MAMMOTH CAVE PARK	SNOWFALL																			T												
	SN ON GND																															
MILLERSTOWN	SNOWFALL																				T											
	SN ON GND																				T											
SUMMER SHADE	SNOWFALL											T	T							T												
	SN ON GND																															
* * * BLUE GRASS 03																																
BEREA COLLEGE	SNOWFALL											T	2.0	T						1.5	.2											
	SN ON GND												T							T	T											
COVINGTON WB AIRPORT	SNOWFALL								T	T		T	.2	T					T	.1	.1											
	SN ON GND																				T	T										
	WTR EQUIV																															
CYNTHIANA	SNOWFALL													T	T					T	.8	T										
	SN ON GND																			T	T											
DANVILLE	SNOWFALL												.8								.7											
	SN ON GND												1								1											
LEXINGTON WB AIRPORT	SNOWFALL											.3	.1						T	.3	.3											
	SN ON GND												T							T	T											
	WTR EQUIV																															
WILLIAMSTOWN 3 NW	SNOWFALL																			.5	.2											
	SN ON GND																			T	T											
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL									1.0		.5	5.0	2.0						.5	T											
	SN ON GND									1		1	5	6	T	T				1	T											
DEWEY DAM	SNOWFALL										.5									T	T											
	SN ON GND																															
HAZARD WATER WORKS	SNOWFALL												T	T						T	T	T										
	SN ON GND																															
HEIDELBERG LOCK 14	SNOWFALL																				-											
	SN ON GND																				T											
LONDON FAA AP	SNOWFALL									T		T	T						T	T	T											
	SN ON GND																			T												
MIDDLESBORO	SNOWFALL												-	-						T												
	SN ON GND																															
MONTICELLO	SNOWFALL																			.5												
	SN ON GND																															
PIKEVILLE	SNOWFALL												T							T	T											
	SN ON GND																															
SOMERSET 2 N	SNOWFALL											.5								2.8												
	SN ON GND																															

DAILY SOIL TEMPERATURES

KENTUCKY
NOVEMBER 1968

Station		Day Of Month																														Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BAROSTOWN S J PREP SCH																																	
4 INCHES	MAX	61	61	67	62	60	57	57	56	53	56	48	46	46	46	50	52	53	52	56	51	44	46	48	51	50	50	50	52	52	48		52.7
	MIN	56	59	60	57	56	54	55	52	50	47	46	44	42	42	46	46	52	50	45	43	40	43	45	48	45	46	47	47	48	45		48.5
20 INCHES	5 PM	58	57	59	60	60	60	60	59	58	56	55	55	54	53	53	53	54	54	49	53	51	51	50	52	52	52	53	52	53	53		54.6
BEREA COLLEGE																																	
4 INCHES	MAX	58	58	60	60	59	58	59	58	55	55	51	51	51	47	49	52	53	52	51	47	45	51	52	48	48	48	48	51	51	48		52.5
	MIN	55	56	58	59	58	58	58	55	53	50	48	47	45	46	47	49	52	51	47	45	44	45	48	47	46	46	48	46	48	47		50.1
20 INCHES	5 PM	58	58	59	59	59	59	59	59	58	58	57	55	54	53	53	53	54	54	53	53	52	52	52	51	51	51	51	51	51	51		54.6
CUMBERLANO GAP PARK																																	
4 INCHES	MAX	54	55	55	56	56	56	56	57	54	51	50	54	46	46	48	51	52	50	50	50	50	45	45	45	45	45	44	44	48	46		50.1
	MIN	51	52	54	55	55	55	56	54	51	50	47	46	45	44	46	48	50	50	48	46	42	43	43	45	44	44	43	43	44	46		48.0
20 INCHES	5 PM	57	57	57	58	58	58	58	58	57	56	55	54	53	53	52	52	53	53	53	52	52	51	50	50	50	50	50	50	50	50		53.6
FLEMINGSBURG I SW																																	
4 INCHES	MAX	55	56	57	57	57	56	55	54	49	47	45	43	42	42	46	49	49	49	48	43	40	41	49	46	46	45	45	49	50	46		48.5
	MIN	50	53	55	53	52	54	53	49	45	42	42	41	39	40	42	46	49	48	42	40	37	38	41	44	41	41	44	45	45	43		45.1
20 INCHES	6 PM	56	56	56	57	57	57	57	57	56	55	54	53	52	51	51	51	51	51	51	51	50	49	49	49	49	49	49	49	49	49		52.4
GLASGOW WKAY																																	
4 INCHES	MAX	58	60	60	60	60	60	58	57	55	53	50	48	48	49	51	53	53	53	52	49	47	47	48	51	51	50	51	52	52	51		52.9
	MIN	56	57	58	59	58	58	57	55	53	50	48	48	44	46	49	51	53	52	49	47	44	44	46	48	48	48	49	51	51	49		50.9
20 INCHES	6 PM	58	59	59	59	59	59	59	58	57	56	55	54	53	53	53	54	54	54	53	52	51	51	51	52	51	51	51	52	52	51		54.4
GREENVILLE 2 W																																	
4 INCHES	MAX	61	62	63	62	62	61	58	56	54	52	50	48	46	48	52	53	56	54	51	48	57	46	50	52	53	47	49	53	52	-		53.7
	MIN	52	59	60	59	58	58	55	54	51	47	47	46	42	45	48	51	53	51	47	45	42	43	45	50	47	47	47	49	50	-		49.9
20 INCHES	5 PM	59	59	60	60	59	60	59	59	58	57	56	55	53	53	53	54	55	55	54	53	52	51	51	52	52	52	52	53	53	-		55.1
HENOERSON 7 SSW																																	
4 INCHES	MAX	61	61	61	60	60	60	60	59	58	57	54	52	53	52	53	53	54	54	54	52	50	50	52	53	54	54	51	54	54	53		55.1
	MIN	59	61	60	60	60	60	59	58	56	54	52	52	50	49	51	53	53	53	52	50	49	50	50	52	52	51	51	51	52	51		53.7
20 INCHES	6 PM	59	60	60	60	60	60	60	60	59	58	57	56	55	54	54	55	55	56	55	54	54	53	53	53	54	53	53	54	54	53		56.0
IRVINGTON																																	
4 INCHES	MAX	60	61	60	61	61	60	59	57	57	55	52	51	50	49	51	53	55	55	53	50	51	47	49	50	50	-	-	-	-	-		54.3
	MIN	56	58	57	57	58	57	56	55	55	51	51	50	46	47	49	51	53	53	50	49	45	45	47	49	47	-	-	-	-	-		51.7
20 INCHES	6 PM	57	57	57	57	57	57	57	57	57	56	55	55	55	55	53	53	53	53	53	52	51	50	50	50	50	-	-	-	-	-		54.3
LEXINGTON CAMPUS FARM																																	
BARE GROUND																																	
1 INCH	MAX	71	69	66	68	66	56	55	47	52	43	42	37	47	47	55	59	52	51	38	40	44	56	54	54	55	52	48	56	44	49		52.4
	MIN	52	53	52	49	46	53	46	39	37	33	33	33	32	35	42	49	46	38	33	32	31	32	36	37	34	36	45	44	38	34		40.0
2 INCHES	MAX	69	67	64	66	64	56	54	46	50	42	41	38	45	46	52	58	52	50	39	39	42	53	52	51	53	50	47	55	45	47		51.1
	MIN	52	53	53	50	47	53	46	41	38	34	34	34	32	35	42	49	46	39	34	34	32	33	36	39	35	38	44	45	39	35		40.7
4 INCHES	MAX	64	64	62	62	61	56	55	49	48	42	42	39	43	45	50	55	51	50	43	38	40	48	48	49	49	47	47	53	47	45		49.7
	MIN	53	54	55	50	50	55	49	44	41	38	38	37	35	38	43	50	48	43	37	35	34	35	43	42	39	41	44	47	42	39		43.3
8 INCHES	MAX	60	60	60	60	58	57	56	52	48	46	44	42	42	45	48	53	51	51	47	41	40	45	46	49	47	46	46	50	49	44		49.4
	MIN	54	55	56	55	53	56	52	48	46	43	42	40	39	41	44	48	50	47	41	39	38	38	41	46	42	42	45	46	44	43		45.8
SOD																																	
1 INCH	MAX	60	60	59	60	58	57	56	52	50	47	46	43	45	47	49	54	52	51	46	41	43	47	47	48	47	47	46	52	47	46		50.1
	MIN	54	54	55	54	52	55	52	48	47	43	43	41	39	42	46	49	50	46	41	39	38	39	42	45	43	43	45	46	44	42		45.9
2 INCHES	MAX	59	59	59	60	58	57	56	52	50	48	47	44	45	47	49	53	52	51	47	42	43	46	47	48	47	47	46	51	48	46		50.1
	MIN	54	55	55	55	53	55	52	49	48	47	44	42	40	43	46	49	50	47	42	40	39	40	43	46	44	44	46	46	45	43		46.7
4 INCHES	MAX	58	59	59	59	57	57	56	53	50	49	47	45	45	47	48	53	53	51	48	43	42	46	46	48	46	46	46	50	49	46		50.1
	MIN	54	55	56	55	53	56	53	50	49	46	45	43	41	44	46	48	51	48	43	41	40	41	43	46	44	45	46	46	45	44		47.2
8 INCHES	MAX	57	57	59	58	57	57	57	55	53	52	49	49	47	48	48	52	51	51	50	46	44	46	45	48	47	47	47	49	50	47		50.8
	MIN	54	55	56	57	55	57	55	53	52	49	48	46	45	46	46	48	51	50	46	44	43	43	44	45	46	46	46	47	47	46		48.9
20 INCHES	7 PM	56	56	59	58	57	59	57	57	57	54	55	52	51	52	51	52	52	52	51	50	49	49	48	50	49	49	48	49	49	49		52.6
40 INCHES	7 PM	58	58	60	60	59	60	59	59	60	58	59	57	56	57	55	56	55	55	54	54	55	54	53	54	53	53	52	52	52	52		56.0
MAYFIELO RAOIO WNGO																																	
4 INCHES	MAX	60	60	60	62	62	62	61	60	59	58	60	51	52	51	51	55	55	59	54	50	47	50	48	49	54	52	51	-	55	50		55.1
	MIN	55	58	59	60	61	61	58	58	58	58	51	50	49	49	50	50	50	54	50	47	45	47	47	48	49	48	50	-	50	47		52.3
20 INCHES	5 PM	60	60	60	60	60	60	60	60	58	58	58	56	55	54	54	55	55	55	55	53	53	53	48	49	51	53	55	-	54	-		55.8

DAILY SOIL TEMPERATURES

Station			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
PRINCETON 1 SE																																		
	4 INCHES	MAX	58	59	59	59	59	59	58	57	54	52	50	49	48	48	50	51	52	52	51	48	47	47	49	50	50	49	48	52	52	49		52.2
		MIN	57	58	58	59	58	58	56	54	52	50	49	47	45	44	48	50	51	51	47	45	44	44	47	49	48	48	48	48	49	47		50.3
	20 INCHES	5 PM	59	60	60	60	60	60	60	59	58	57	51	55	49	54	54	54	55	55	55	54	52	52	52	53	53	53	53	53	54	53		55.2
QUICKSAND																																		
	4 INCHES	MAX	57	58	58	59	59	60	57	58	54	53	48	46	46	45	49	50	52	52	51	51	42	44	45	47	52	47	46	50	50	48		51.1
		MIN	50	53	55	55	54	57	56	52	48	46	43	44	43	42	45	46	48	51	45	42	38	39	40	46	44	41	43	45	47	45		46.8
	20 INCHES	4 PM	55	55	56	57	57	57	57	57	56	54	53	51	50	50	49	50	51	51	51	49	48	47	42	47	48	47	47	47	47	49		51.2
SOMERSET 2 N																																		
	1 INCH	MAX	60	61	-	-	60	58	57	-	-	55	49	47	-	47	50	54	55	52	51	-	45	56	57	55	50	48	48	53	51	49		52.8
		MIN	54	56	-	-	56	57	54	-	-	49	45	45	-	43	47	51	47	51	46	-	40	42	44	50	41	43	46	48	49	40		47.7
	4 INCHES	MAX	59	59	-	-	61	59	56	-	-	56	51	47	-	47	50	53	53	56	52	-	46	57	59	53	52	48	48	52	52	49		53.1
		MIN	54	56	-	-	56	56	54	-	-	50	47	47	-	44	46	48	48	52	47	-	43	49	52	52	42	44	47	48	49	38		48.7
	20 INCHES	6 PM	60	60	-	-	61	61	61	-	-	58	57	51	-	55	57	59	54	56	55	-	53	61	63	61	52	52	52	52	53	43		56.1
WILLIAMSTOWN 3 NW																																		
	4 INCHES	MAX	59	59	59	59	59	58	59	58	54	52	50	50	49	48	50	53	53	53	53	48	45	47	49	50	50	50	50	52	52	50		52.6
		MIN	54	59	58	56	56	58	57	54	51	50	49	49	46	47	47	50	53	52	48	45	44	44	47	49	48	49	50	49	50	48		50.6
	20 INCHES	6 PM	57	58	58	58	58	58	58	58	57	56	55	54	53	53	53	53	53	53	53	52	50	50	50	51	51	51	51	51	52	51		53.9

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN S.J. PREP SCHOOL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 20	390				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
•COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	450		6P			JOE RAY ALLEN
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		PHILLIP O. THACKER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			KENTUCKY UTILITIES
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GODSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAN
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A		C	DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	650	6P	6P		GH	WAYDE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			HONUS S SHAIN. JR.
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.+E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN. JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. MAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	116	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	625		7A		C	JOE N. SLAYDEN
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		7A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	WM C JARRELLS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TATHAM SPRINGS	7924	02	WASHINGTON	8	37 52	85 09	670				C	CHARLIE S. KAYS
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM I WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 85°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."
	No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
B	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
DECEMBER 1968
Volume 63 No. 12

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	45.7	27.5	36.6		61	27	13	16	871	0	1	23	0	5.54		1.18	1	T	0		8	4	3
BEAVER DAM	45.3	27.5	36.4		59	28	14	17+	880	0	4	21	0	3.14		1.02	22		0		6	3	1
FORDS FERRY DAM 50	44.3	27.6	36.0		60	27	12	31	893	0	4	23	0	5.27	2.10	1.28	22	T	T	15+	9	4	2
GILBERTSVILLE 1 SE	46.6	29.4	38.0		61	27	13	15	830	0	2	19	0	5.10		1.23	28	T	0		10	4	2
GOLDEN POND 8 N	45.9	27.6	36.8		62	28	14	16+	868	0	2	22	0	3.19		1.10	28+	.0	0		7	2	2
GREENVILLE 2 W	46.9M	27.1M	37.0M	- 1.7	65	12	13	16+	859	0	1	22	0	3.90	.03	.99	22				9	4	0
HENDERSON 7 SSW	43.8	27.2	35.5	- 2.2	59	28+	12	31	905	0	5	21	0	4.78	1.19	1.10	28	T	0		7	3	2
HICKMAN 1 E	45.3	26.5	35.9		60	27	10	16	897	0	3	23	0	5.58		1.14	28	1.0	0		8	5	3
HOPKINSVILLE	45.8	26.1	36.0	- 2.8	60	28	13	16+	897	0	3	25	0	3.91	- .09	.86	28	T	T	4	8	4	0
LOVELACEVILLE	45.7	27.5	36.6	- 2.6	60	27	12	16	870	0	1	21	0	5.79	1.78	1.24	1	T	0		11	4	3
MADISONVILLE 1 SE	46.5	26.0	36.3		60	28+	12	15+	882	0	2	22	0	4.16		1.20	28	T	0		11	3	1
MAYFIELD RADIO WNGO	49.6	26.9	38.3		61	28+	12	25	823	0	0	24	0	6.10		2.10	28				10	4	2
MURRAY	45.7	27.2	36.5	- 3.6	60	28	11	8	877	0	2	23	0	4.41	.31	1.15	28	T	T	14	8	5	1
OWENSBORO 2 W	44.3	27.8	36.1	- 1.4	55	12	15	31+	891	0	2	21	0	5.09	1.84	1.27	22	T	0		10	4	2
PADUCAH FAA AIRPORT	44.5	27.8	36.2		60	27	13	15	885	0	2	23	0	6.06		1.46	27	T	0		7	5	3
PADUCAH	46.9	28.3	37.6		62	30	14	31+	838	0	1	20	0	5.37	1.78	1.55	22	T	0		9	4	2
PRINCETON 1 SE	46.9	28.0	37.5	- 1.3	60	28	12	15	849	0	1	20	0	4.15	.25	1.12	22	T	0		8	3	2
ROCHESTER LOCK 3	45.2	26.9	36.1		60	28	15	9	891	0	3	22	0	3.64		.73	4	.0	0		8	2	0
RUSSELLVILLE	45.7	26.2	36.0	- 2.3	60	28	14	17+	889	0	2	24	0	3.30	- .85	.61	28				9	4	0
DIVISION			36.6	- 2.2										4.66	.85			.1					
* * * CENTRAL 02																							
ANCHORAGE	43.3	26.4	34.9	- .8	57	28	12	16	926	0	5	23	0	0 3.74	.44	.77	22	.5	1	14	7	4	0
BARDSTOWN NAZARETH COL	42.2	26.1	34.2		56	28	13	16	951	0	8	26	0	3.31		.87	28	T	0		6	4	0
BARREN RIVER RESERVOIR	45.8	27.1	36.5		62	28	15	9	876	0	4	23	0	3.23		.87	28	T	T	26+	6	2	0
BOWLING GREEN FAA AP	44.7	27.2	36.0	- 3.1	60	27	12	31	893	0	3	22	0	3.26	- 1.08	.74	22	.1	0		8	2	0
BRADFORDSVILLE	45.8	24.5	35.2		60	28	9	16	919	0	3	22	0	0 2.08		.62	4	1.0	0		6	1	0
CAMPBELLSVILLE 2 SSW	45.6	27.1	36.4		59	28+	13	9	879	0	4	23	0	2.64		.81	22		T	26+	5	2	0
CECILIA	44.7M	25.2M	35.0M	- 1.3	56	2	12	16	924	0	4	23	0	3.47	- .29	.97	22	1.4	T	28+	6	3	0
CLERMONT 1 SSE	45.9	24.5	35.2		61	28	10	17+	915	0	4	24	0	3.05		.74	22+				6	3	0
GLASGOW WKAY	45.5	27.7	36.6		57	28+	14	9	874	0	5	21	0	3.20		.93	28	T	0		6	3	0
GREENSBURG	45.6	26.0	35.8	- 2.2	59	20+	14	17+	898	0	3	23	0	2.82	- 1.14	.67	28	T	T	16+	7	2	0
HODGENVILLE-LINCOLN NP	M	M	M		58	28	13	9		0			0	2.68		.86	28	T	0		6	3	0
IRVINGTON	45.3M	25.6M	35.5M	- 2.2	57	28	12	17	909	0	3	22	0	4.04	.60	.87	28				8	4	0
LEITCHFIELD 2 N	45.4	26.2	35.8	- 2.6	58	28	13	9	900	0	4	23	0	3.52	- .50	.77	24	.0	0		8	4	0
LOUISVILLE	45.6	29.6	37.6		58	28	17	15	842	0	3	20	0	3.60		.85	22	T	0		9	3	0
LOUISVILLE WB AP R	43.4	27.9	35.7	- .6	59	28+	10	31	903	0	4	22	0	3.62	.40	.78	22	1.1	T	29+	9	3	0
MAMMOTH CAVE PARK	46.3	26.8	36.6		59	28+	11	9	873	0	5	20	0	3.36		.98	28	T	0		5	3	0
NOLIN RIVER RESERVOIR	45.1	25.7	35.4		62	28	12	15	911	0	4	24	0	3.25		1.00	28	.0	0		5	3	1
ROUGH RIVER DAM	43.8	25.1	34.5		60	28	11	7	940	0	6	24	0	3.63		.86	4	.0	0		8	3	0
SCOTTSVILLE 3 SSW	46.9	29.2	38.1		60	27	15	15	829	0	3	20	0	3.30		1.08	28	T	0		5	2	1
SUMMER SHADE	46.0	26.6	36.3		59	3	14	16+	881	0	2	23	0	3.31		.93	27	T	0		6	2	0
WOLF CREEK DAM	46.9	26.3	36.6		62	20	13	16	872	0	3	21	0	3.89		1.34	28	T	0		7	2	1
DIVISION			35.9	- 2.1										3.29	- .56			.2					
* * * BLUE GRASS 03																							
BEREA COLLEGE	45.0	27.0	36.0	- 2.8	59	19	8	16	892	0	4	23	0	2.76	- .82	1.05	28	3.6	1	15+	5	2	1
CARROLLTON LOCK 1	43.4	27.0	35.2		58	28	12	16	917	0	3	20	0	4.12	1.51	.97	23	.6	T	24+	7	4	0
COVINGTON WB AIRPORT R	41.1	26.2	33.7	.4	58	28	9	31	965	0	7	23	0	4.01	1.26	.78	27	2.0	T	30+	8	2	0
CYNTHIANA 2	42.5	23.2	32.9		57	20+	7	16	988	0	6	25	0	2.74		.72	27	.0	0		7	3	0
DANVILLE	42.6	24.4	33.5		58	28+	10	17+	969	0	7	23	0	2.59	- .95	.80	28	.5	1	15	7	1	0
DIX DAM	45.4M	26.6M	36.0M		59	19	10	16	894	0	3	20	0	2.58		.80	28				6	2	0
FALMOUTH 5 WNW	42.2	22.8	32.5		58	19	5	16	996	0	5	26	0	3.05	.01	.78	28	T	T	25+	7	3	0
FARMERS 1 WNW	44.6	24.9	34.8	- 2.4	62	19	4	16	929	0	4	22	0	2.09	- 1.14	.76	28	1.5	2	15	8	1	0
FLEMINGSBURG 1 SW	42.1	25.0	33.6		59	28	5	16	966	0	9	24	0	2.45		.61	28	.3	T	24+	5	1	0
FRANKFORT LOCK 4	43.6	24.5	34.1	- 2.9	59	20	10	17+	951	0	6	24	0	2.50	- .61	.71	4	T	T	27+	7	2	0
LEXINGTON WB AIRPORT R	42.9	26.2	34.6	- 1.3	60	27	9	31+	938	0	6	22	0	2.89	- .56	.81	28	1.5	1	15	8	2	0
MAYSVILLE SEWAGE PLANT	42.4	25.4	33.9	- 2.0	60	20	10	16	955	0	6	23	0	2.70	- .49	.72	29	.3	T	24	7	1	0
MOUNT STERLING	44.1	25.9	35.0		59	19	7	16	922	0	6	23	0	0 2.45	- 1.13	.73	27	2.7	1	26+	7	2	0
OWENTON 2 S	42.6	23.8	33.2		56	19	5	16	977	0	5	25	0	3.60		.82	22	T	0		7	4	0
RICHMOND	43.0M	25.4M	34.2M		61	20	7	16	945	0	5	24	0	2.48		.54	4	1.0	1	15	9	1	0
SHELBYVILLE	41.8	24.6	33.2	- 3.2	59	28	12	16	981	0	8	25	0	3.00	- .46	.67	4	.1	T	24+	8	3	0
WARSAW MARKLAND DAM	42.1	23.5	32.8	- 3.0	58	28	10	23+	990	0	7	25	0	5.07	2.18	1.16	23				9	4	1
WAYNESBURG 7 NE	45.4M	25.8	35.6M		58	28+	6	16	900	0	3	23	0	3.17		1.15	23	T	0		6	2	2
WILLIAMSTOWN 3 NW	42.0	25.9	34.0	- 1.5	57	28+	8	16	955	0	5	25	0	3.80	.79	.76	22	.5	T	29+	8	3	0
DIVISION			34.2	- 2.9										3.06	- .30			.9					
* * * EASTERN 04																							
ASHLAND	43.2	23.2	33.2	- 5.1	65	20	9	16	978	0	9	26	0	0 2.84	.01	.60	5	.5	0		7	2	0
BARBOURVILLE	47.5	22.9	35.2		66	29	4	17	916	0	3	24	0	3.21		1.05	28				6	3	1
BAXTER	44.6	21.7	33.2		61	3	2	16	979	0	3	25	0	3.17		1.03	28		3	16	8	2	1
BLAINE	44.5M	19.2	31.9M		65	20+	4	17	1020	0	5	28	0	0 2.37		.60	22	2.0	1	24+			0
CUMBERLAND	47.2	23.2	35.2		63	3	0	16	915	0	2	25	1	3.61		1.20	28	9.5	1	15+	8	2	1

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See Reference Notes Following Station Index

Continued

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	42.7	22.5	32.6		64	20	7	17	996	0	7	26	0	2.62		.73	4	T	0		7	2	0
GRAYSON 3 SE	42.1	21.8	32.0		64	20	9	17+	1016	0	8	26	0	2.14		.49	28	T	T	25+	6	0	0
HEIDELBERG LOCK 14 R	47.2	24.8	36.0		62	28+	2	16	892	0	3	24	0	2.60	- .68	.90	28		2	16+	7	2	0
HINDMAN 11 NNE	43.9	21.5	32.7		62	28	4	16	996	0	7	27	0	3.17		.98	4	4.5	2	15	8	3	0
HYDEN	44.9	21.5	33.2		63	20	2	17+	977	0	5	28	0	3.14		.94	4	T	T	8	6	3	0
JACKSON	44.7	21.7	33.2		65	20	1	17+	978	0	5	25	0	0 3.09		.74	23	4.0	2	16+	8	3	0
LONDON FAA AP	43.6	22.9	33.3		61	2	4	16	976	0	6	24	0	3.23		1.02	22	2.0	1	15	6	2	1
MANCHESTER 4 SE	47.9	24.8	36.4		64	19	1	16	879	0	2	22	0	2.95		.93	28	1.0	1	15	6	3	0
MC KEE	42.2	20.5	31.4		59	20	0	17+	1036	0	7	25	2	3.82		1.16	28	2.0	1	17+	9	2	1
MIDDLESBORO	44.5	23.6	34.1		61	3	8	17	949	0	4	24	0	3.29		1.21	28		0		6	2	1
MONTICELLO	46.9	27.2	37.1		61	19+	12	17+	857	0	2	22	0	3.64		1.25	28	T	0		6	2	1
MOUNT VERNON	45.3M	26.3M	35.8M		59	19+	10	17	897	0	5	21	0	0 3.83		1.55	28	2.0			6	2	2
PIKEVILLE	47.1	27.1	37.1		66	19+	9	16	855	0	2	22	0	2.58	- .59	.79	4	2.4	2	15	6	3	0
SOMERSET 2 N	45.7	26.3M	36.0M		59	28+	8	16	904	0	2	20	0	4.98		1.40	22				7	3	2
STEARNS	43.4M	24.6	34.0M		60	20+	8	17	954	0	7	25	0	3.07		1.02	28				6	3	1
TOMAHAWK 1 WSW	44.0	18.7	31.4		65	20	5	18+	1037	0	5	28	0	3.31		.88	4	1.0	1	15	10	2	0
VANCEBURG	39.8	21.6	30.7		57	19	5	16	1058	0	8	26	0	2.78	- .33	.50	22+				7	3	0
WEST LIBERTY	43.1	21.5	32.3		64	20	5	17+	1008	0	5	25	0	2.28		.69	28	.6	1	15	7	1	0
WILLIAMSBURG 1 E	50.7	28.1	39.4	- .5	65	31	7	16	787	0	1	18	0	2.61	- 1.23	.89	28		1	15	4	3	0
DIVISION			34.1	- 4.6										3.10	- .53			2.0					

EXTREMES

HIGHEST TEMPERATURE 2 STATIONS	66	DATE	29+
LOWEST TEMPERATURE 2 STATIONS	0	DATE	17+
GREATEST TOTAL PRECIPITATION MAYFIELD RADIO WNGO	6.10		
LEAST TOTAL PRECIPITATION CUMBERLAND FALLS ST PK	1.550		
GREATEST 1 DAY PRECIPITATION MAYFIELD RADIO WNGO	2.10	DATE	28
GREATEST TOTAL SNOWFALL CUMBERLAND	9.5		
GREATEST DEPTH OF SNOW BURDINE 2 NE	5	DATE	16+

DAILY PRECIPITATION

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WESTERN 01																																
BARDWELL 4 E	5.54	1.18		.68									T	.38	.01			.03	.17	.09		.40	1.06	T			.01	.31	1.12		.08	.02
BEAVER DAM	3.14	.41		.19	.51									.25					.03	.09			1.02					.05	.59			
CALHOUN LOCK 2	4.00	.13	.54	T	.76									.14	T	T			.15	.14			.49	.28	T		T	.02	1.17	.10		.08
COBB	3.96	.32	.29		.60									.22						.10			.78	.22				.10	1.15			.18
DAWSON SPRINGS	3.44	.27	.22	T	.05									.23	T	T			.08	.18			.88	T				.20	1.23			.10
DUNDEE 4 ESE	4.30	.28	.20		1.15									.35		.05			.12	.10			1.00	.25					*	.80		
DUNMOR	2.81	.02	.05	T	.73									.38	T				.08	.11			.49	.22					.71	.02		T
ELKTON 2 S	2.89	.33	.07	.01	.35									.40		.04			.02	.04			.52	.41	T			.02	.55	.05		.08
FORDS FERRY DAM 50	5.27	.29	.62		.75									.39	T	T			.10	.15			1.28	.24				.08	1.25	.07		.05
FRANKLIN 1 E	2.75	.14	.27	T	.19									.43		T			.02	.04			.49	.36					.78			.03
GILBERTSVILLE 1 SE	5.10	.85	T	.61	.27		T	T	T	T		T	.03	.36	T		T	.04	.10	.14	T	.20	1.05	T	T		.04	.13	1.23		.05	T
GOLDEN POND 8 N	3.19													.27					.10	.17	.05	1.10	.18					.08	1.10			.14
GREENVILLE 2 W	3.90	.56	.01	.53	.29									.22					.08	.10		.04	.99	T				.13	.82			.13
HARTFORD 6 NW	3.58	.37	.27		.72									.11	T	T			.07	T			.85	.21				T	.12	.86	T	T
HENDERSON 7 SSW	4.78	.90		.43	.30			T					T	.08	T			T	.27	.04		.07	1.09				.03	.46	1.10		T	.01
HICKMAN 1 E	5.58	1.02		.65	.05								.33	T	T			.11	.08			.91	1.09	T			T	.20	1.14			T
HOPKINSVILLE	3.91	.33	.22	.01	.73									.31	T				.04	.06		.01	.58	.50	T			.09	.86	.03		.14
LOVELACEVILLE	5.79	1.24		.60	.16									.41				T	.22	.12		.35	1.18					.27	1.06		.18	
MADISONVILLE 1 SE	4.16	.23	.36	.03	.76									.12	T				.11	.10			.89	.13				.13	1.20			.10
MAYFIELD RADIO WNGO	6.10	1.00	.70	.12								T	.38	T			.05	.10	.35	.20	.30	.80	T	T	T				2.10			T
MURRAY	4.41	.61	.02	T	.57									.53	T				.06	.21		.01	.95	.15				.15	1.15			
OWENSBORO 2 W	5.09	.50	.34		.85									.18	T				.30	.12			1.27	.27			T	.20	1.00			.06
OWENSBORO DAM 46	4.86	.12	.73		.76									.20	T				.20	.18			.49	.76	T		T	.11	1.20	.01		.10
PADUCAH FAA AIRPORT	6.06	1.15		.60									.57	.02	T			.09	.31	.07		.39	1.32	T			.03	1.46	.02		.03	T
PADUCAH	5.37	1.11		.50	.18								T	.41					.22			.28	1.55				T	.21	.91		T	
PARADISE STEAM PLANT R	3.29	.24	.15		.81									.23					.06	.11			.73	.16				.03	.69			.08
PRINCETON 1 SE	4.15	.61		.30	.40								T	.22	T			.01	.08	.12		.06	1.12	T			.02	.18	1.03			
ROCHESTER LOCK 3	3.64	.37	.25	.02	.73									.38					.05	.12			.46	.56				.08	.49	.08		.05
RUSSELLVILLE	3.30	.30	.17	.02	.40									.54						.11			.50	.52			.03		.61			.10
SEBREE	5.44	.50	.20		.84									.25		T			.24				1.72					.50	1.08			.11
UNIONTOWN DAM 49 //	5.85	.97	.67		.68									.32	T	T			.15	.15			.70	.25	T	T	T	.35	1.51			.10
CENTRAL 02																																
ADDISON DAM 45 //	4.17	.10	.46		.80									.20		T			.24	.29	.03		.27	.73	T			.07	.88	.05		.05
ALBANY 4 N	3.67	.30			.43									.28		.03					.16		.42	.81					1.21			.03
ANCHORAGE	D 3.74	.75		.09	.75			T							D .05				.40	.17		.01	.77				.04	.20	.51			
BARDSTOWN NAZARETH COL	3.31	.40		T	T			.64							T					.10			.60					.70	.87			
BARREN RIVER RESERVOIR	3.23	.36	.03	T	.42									.57	.02	T			.02	.06	.01		.42	.41	T		T		.87	.02		.02
BOWLING GREEN	-	.10	.12	.22	.36									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOWLING GREEN FAA AP	3.26	.49	T	.31	.01								.28	.19	T			.03	.01	.03		.20	.74	T			.02	.71	.18		.06	T
BRADFORDSVILLE	D 2.08		.45		.62									.33	T				.08	.10			.40	T					D .10			
BROWNSVILLE	3.33	.30	.12	T	.62									.43	T	T			T	.02	T		.25	.55	T			T	1.02	T		.02
BURKESVILLE 2 W	4.20	.30	.36		.24									.28						.18			.55	1.03					1.26	T		T
CAMPBELLSVILLE 2 SSW	2.64	.05	.02	T	.48								T	.38	.01				T	.03		T	.81	.25			T	T	.61			T
CANEYVILLE	3.45	.28	.28		.44									.43					.12	.10			.48	.35				.19	.78	T		
CECILIA	3.47	.47	.05	.10	T				T					.85	.04	T			.14	.06			.97	T		T		.04	.75			
CLERMONT 1 SSE	3.05	.42	.07	T	.74									.16	T	.01			.24	.05			.74	.05			T		.57	T		T
EDMONTON	3.23	.25	.15		.33										.30				.03		.20		.52	.45					.95			.05
GAMALIEL 1 S	4.11	.38	.13	.36	.21									.29	.02	T	T		.01	.23	T		.48	.69	T		T		1.29			.02
GLASGOW	3.50	.40	.02		.53									.63	T				.02	.02			.50	.46					.85			.07
GLASGOW WKAY	3.20	.42	.02	.04	.37									.67		T			.02	.16		T	.54	T			.01	T	.93			.02
GLENDALE 1 E	3.07	.20	.22	T	.68									.33		T	T		.11	T			.20	.43				T	.83	T		.07
GREENSBURG	2.82	.32	.12		.51									.33	.02	.02			.04	.03	T		.38	.35				T	.67	.03		T
GREENSBURG HIWAY 61	2.84	.31	.12		.48									.41	.01	.01			.03	.04			.34	.40	T			T	.67	T		.02
HODGENVILLE-LINCOLN NP	2.68	.27			.55									.23	T				.10	T			.67				T	T	.86			
IRVINGTON	4.04		.35	.05	.85														.55			.70	.40				.10	.17	.87			
LEITCHFIELD 2 N	3.52	.50		.24									T	.32		T			.03	.07			.17	.61	.77		T	.10	.63			.08
LIBERTY	3.18	.26	.14		.31									.20	.03	.02			.04	.08	.01		.45	.69					.85	.05		.05
LOUISVILLE	3.60	.73	T	.18	.72									.12		T			.43	.11			.85	T			T	.12	.34			
LOUISVILLE WB AP R	3.62	.67	.01	.75	.13			.02	T				.11	.06	.02	T		.02	.36	.10		.01	.78	.01	T	T	.03	.25	.28	T	.01	T
LOUISVILLE UPPER GAGE	3.98	T	.68	T	.88									.14	T	.02			.25	.27	T		.25	.63	.03		T	.07	.65	.08		.03
MAMMOTH CAVE PARK	3.36	.36	.02	T	.50									.45	T	T			T	.05		T	.96	T			.01	T	.98			.03
MILLERSTOWN	3.40	.24	.12		.70										.45		.02		.10	.03			.26	.45				.03	.98			.02
MUNFORDVILLE	2.36		.14	T	.43									.43		T			T	.09			.31	.79	T			T	.15			.02
NOLIN RIVER RESERVOIR	3.25		.32	T	.60									.44						.01	.02			.75	T			.03	1.00			.08
ROUGH RIVER DAM	3.63	.25	.35	T	.86									.27					.17	.05			.85	.32			T	T	.51			
SCOTTSVILLE 3 SSW	3.30	.34			.49									.48					.05	.05			.74				.02		1.08			.05
SCOTTSVILLE 2 SW	3.30	.35	.05		.48									.47	.10				T	.15			.40	.30	T			T	.95	.05		T
SHEPHERDSVILLE	3.56	.05	.51		.89			T	.05					.10					.23	.11			.62	.42				.03	.48	.07		T
SUMMER SHADE	3.31	.42	.02	.03	.43									.36	T	T		T		.20		T	.90	T			.02	.93				
WOLF CREEK DAM	3.89	.31	.03		.47									.29	T	T				.14	.02		.42	.78	T				1.34			.09
WOODBURY LOCK 4	2.78	.28	.13		.48									.34					.04	.04			.44	.34				.01		.67		.01
BLUE GRASS 03																																
BEREA COLLEGE	2.76	.17	T	T	.34			.02	.03					.07	.09	T			.11	.08		.06	.65	.07					1.05			.02
BEREA	2.83	.07	.17		.38	T			.01	T				.10	.01	.03	T		.13	.02	.10		.33	.45	T				.93	.10		T
CARROLLTON LOCK 1	4.12	.01	.50		.70	T			.03					.04		.02			.47	.36			.30	.97	T			.06	.64	.02		T
COVINGTON WB AIRPORT R	4.01	.44	.03	.45	.28			.07	T		T		.02	.07	.02	T		T	.37	.14		T	.73	.05	T	T	.06	.78	.49	T	.01	T
CYNTHIANA	2.80	T	.33	T	.61	.01			.05					.06	T	.02	T		.22	.20	T		.11	.39	.02			.05	.71	.02	T	T
CYNTHIANA 2	2.74		.35	.02	.60	T								.10					.55	.10			.25				.05	.72				
DANVILLE	2.59	.09	.25		.47				T	T				.24	T	.03			.11	.02	.05		.22	.27	T			T	.80	.04		T
DIX DAM	2.58	.33	.03	T	.47			T	T					.15					.13	.07				.58	T				.80	.02		
FALMOUTH 5 WNW	3.05	T	.33	T	.54	.07			.03					.12	T	T	T		.16	.34	T		.06	.57	T			.05	.78	T	T	
FARMERS 1 WNW	2.09	T	.22	T	.35	.08			.03					T		.04			.14	.10	T		.12	.11	.01			T	.76	.13		
FLEMINGSBURG	2.45	T	.30	.02	.37	.04			.02					.08		.03	T		.23	.19	T		.07	.41	T			.04	.61	.04	T	
FLEMINGSBURG 1 SW	2.45	.26	.02	.03	.41				.02					.08	.01	.03			.35	.07	T	.47			T		.01	.04	.61	.04		
FORD LOCK 10	2.28	T	.48		.46	T		T	T	T				T	T	.11	T	.08	T	T			.10	.47	T			T	.57	.01		T
FRANKFORT LOCK 4	2.50	.03	.35	T	.71	T			.03					.04	T	T			.15	.15	T		.10	.36	T			.05	.53	T		T
GEORGETOWN WATER WORKS	2.63	.06	.33		.64								.02							.52				.46				T	.60			
GEST LOCK 3	2.59	T	.35	T	.58				.02					.08	T	.02			.27	.20			.23	.35				.04	.45	T		
HIGH BRIDGE LOCK 7	2.92	.08	.29	T	.70				T					.16	T	.09	T		.12	.03	.03	T	.16	.47	.02			T	.66	.11		T
KEENE 1 SSW	2.72		.37	.72										.08	.07				.14	.07			.28	.26					.73			
LA GRANGE 1 ESE	3.85	.57	.04	T	.80			T						.18	T	T			.53	.18			.71	T	T		.03	.25	.56	T		
LANCASTER	3.23		.41		.59									.23						.24	.07			.72								.97
LEXINGTON WB AIRPORT R	2.89	.38	.01	.27	.33			.02	T				T	.14	.02	T		T	.20	.10		.01	.54	T	T		T	.04	.81	T		.02
LITTLE HICKMAN LOCK 8	2.44	.05	.31		.51									.19		T			.11				.12	.40	T				.75			
LOCKPORT LOCK 2	3.53		.54	T	.71				T	T				.12		.03			.32	.24			.21	.62	T			.09	.58	.07		
MAYSVILLE SEWAGE PLANT	2.70		.31	.03	.19	.04			.05					.05		.02	T		.21	.25	.05		.08	.48	.01	T		.05	.16	.72	T	T
MIDWAY	2.71	T	.31		.76									.08					.21	.13			.14	.30	T			.02	.72	.04		
MOUNT STERLING	D 2.45	.29		T	.38			T						.160	.020	.10	T		.24				.53				T	.73	T	T		T
OWENTON 2 S	3.60	.47	.08	.02	.71	T		T						.23	.02	.02			.54	.03			.82	T	.02		.02	.12	.50			
RICHMOND	2.48	.11	.12		.54	T			T					.12	.03	.04			.15	.09	.05		.30	.35	.02			T	.16			.40
SALVISA LOCK 6	3.46	.12	.22	.02	.85	.04			T				.04	.11		.05			.17	.11	.10		.16	.59				.05	.72	.09		.02
SHELBYVILLE	3.00	.03	.48		.67	T			T					.14	T	T	T		.16	.12			.25	.60	T			.02	.51	.02		
SPRINGFIELD	2.89	.29	.20	T	.80									.16	T				T	T			.25	.30					.24	.65		
TAYLORSVILLE	2.88	.02	.38	T	.68				T					.13	.02	.04			.24	.15			.20	.44	T				.48	.10	T	
TYRONE LOCK 5	2.50	.02	.32	T	.75	T			.02					.07	T	.02			.10	.15	T		.17	.37	T			.02	.49	T		T
VALLEY VIEW LOCK 9	2.42	.05	.36		.45	T			T					.13	T	.03			.16	.11	T		.25	.22	.01			T	.62	.03		T
WARSAW MARKLAND DAM	5.07		.45	.05	.78	.65			.05					.10	.03				.32	.42	T		.13	1.16	.02		.08	.80	.03		T	

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	3.17	.16	.08	T	.28									.12	T	.08	T	T	.05	.08	T		T	1.15	T			T	1.07	.10		
WILLIAMSTOWN 3 NW	3.80	.32	.34	.02	.72	.01		.03					7	.16	T	T	.02		.49	.08	.01		.76	T			T	.21	.60	T	.03	
* * * EASTERN 04																																
ASHLAND	D 2.84		.25	.02	.43	.60	T		T					.05		T	T		.19	.12	.03		.08	.550	.05			.04	.43			
BARBOURVILLE	3.21	T	.21		.81	.05			T						.13	.03			T		T		.23	.67	T				1.05	T		.03
BAXTER	3.17	.08	.11		.62	.13			T	.02					.18	.03	.02		T				.35	.45	T				1.03	.04		.11
BLAINE 2 W	D 2.37		.20	*	.57											0 .10			.25				.60		0 .10				.55			
BUCKHORN	2.79	T	.29		.65	.10			T	T				T	.10	T	.05		.05	7			.12	.70	T			T	.71	.02		T
BURDINE 2 NE	2.65		.30		.55											.35			.05				.50						.90			
CLAY CITY 1 WNW	3.25	.10	.20	.05	.60	.05								.20		.05			.15	.05			.30	.50					.80	.20		
COLLEGE HILL LOCK 11	2.30	.09	.14		.56	T			T					T	T	.04	T		.11	T	.01		.16	.52	T				.63	.04		T
CUMBERLAND	3.6I	.27	7	T	.67			.05	.08					.15	.26	.32			.04	T			.41	.11	.05		T	T	1.20	T		T
CUMBERLAND FALLS ST PK	D 1.55			0 .16	.50											.06						.70			.05				D .05			D .03
DEWEY DAM	2.62	T	.30		.73	.22			T						T	.10			.10				.05	.70	T			T	.42	T		
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOURMILE KY UTIL PARK	2.81	.14	.06		.75	.11										.12							.30	.27					.96	.04		.06
FREEBURN 2 SW	2.51		.28		.49	.30			.02	.03					.07	.10	.02		.08	.02			.10	.59	.02	T			.39			T
FRENCHBURG	3.50	.40	.30		.80	.09			.02							.06				.01			.13	.60	.01			.07	1.00		.01	
GRAYSON 3 SE	2.14	T	.18	.02	.27	.07			.02					.06		.02	T		.15	.21	T		.07	.47	.08	T		.03	.49			
HAZARD WATER WORKS	3.19		.35		.87	.18			.02					.04	.08			.04					.15	.54	T				.73	.12		.07
HEIDELBERG LOCK 14 R	2.60	T	.33		.26	.10			7					T	7	.04	T		.14	T			.18	.62				.03	.90	T		T
HINDMAN II NNE	3.17	.1I	.26		.98	.08			.12	.06						.17			.10				.64	T			.05		.60			T
HYDEN	3.14	.05	.28		.94	.09			T						.12	.05	T		.04				.30	.50					.67	.03		.07
JACKSON	D 3.09	.12	.05		.64	.04			0 .10					T	.040	.20	T		.12				.24	.74	.04			T	.72	.04		
JEREMIAH	1.87				.35				.30						.06	.20													.96			
LLOYD GREENUP DAM	2.06		.22	T	.25	.10			T					.05		T			.07	.17	.05		.03	.62	T			.05	.38	.07		
LONDON FAA AP	3.23	.26		.29	.15			T	T					.32	.06	.01		T	.02	.08		.04	1.02	T	7		T	T	.92	7	T	.06
LOUISA 2	2.32		.20		.66	.08			T					.02		.02	.01		.10	.06			.10	.54	T	T		.02	.49	.02		
MANCHESTER 4 SE	2.95		.26		.70	.05										.14	T		.04				.20	.63					.93			T
MARTIN	2.31		.32		.83	.20										.14	T		T	.10			7	.72	T							
MC KEE	3.82	.13	.22	T	.47	.04		.05	T					.15	.06	.02			.09	7	.16		.27	.83	7				1.16	.17		T
MIDDLESBORO	3.29	.09	.16		.41	.07									.05	.02	T		T		.02		.41	.61	T				1.21	.16		.08
MONTICELLO	3.64	.30	.04		.72	T								.22	.05	T				.09	.01		.45	.46					1.25	.05		
MOUNT VERNON	D 3.83		.04		.36	T			.03					.08	T	0 .20			.06	.23			1.10	.10					1.55			.08
ONEIDA	2.54		.35		.60										.20	.05							.40	.39					.49	.06		
PAINTSVILLE I S	3.06	T	.34	.58	.18				.03					.10		.03	T						.43	.82	T				.45	.10		
PIKEVILLE	2.58	.03		.02	.79			T	T					.13	.02	.03			.14				.67	T	.01		.01		.57	.04		.12
RAVENNA LOCK 12	2.69	.03	.17		.40	.03			7					.07		.10			.07				.14	.53	T			T	1.02	.12	T	.01
SALYERSVILLE 2 SE	2.82		.31		.63												.17						.15	.95					.56	.05		
SOMERSET 2 N	4.98	.37		.06	.32									.19	.96	.46							1.40						1.14		.08	
STEARNS	3.07	.28	.05		.56	.02	T							T	.12	.03							.41	.52	T			T	1.02	.06		T
TILFORD	D 2.06			.45		.11								.160	.03	T											.40					.91
TOMAHAWK 1 WSW	3.31	T	.30		.88	.16			.03					T	.10	.10	T		.15	T			.13	.85	T		T	.27	.34	T		7
VANCEBURG	2.78	.21	.05	.01	.41			.50						.09	.35	.50			.04				.50	T			T	.12	T			
WEST LIBERTY	2.28	T	.25		.31	.06			.01	T					.02	.06	T		.15	.02			.18	.35	T			.10	.69	.08	T	T
WILLIAMSBURG I E	2.61	.17			.64	.08									.08	.02								.69					.89			.04
WILLOW LOCK 13	2.73	.02	.21	T	.34	.04			.02	T				.05		.05	.03		.10	.03			.19	.48	T			.03	1.10	.02		.02

DAILY TEMPERATURES

KENTUCKY
DECEMBER 1968

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	49	50	46	48	46	44	37	33	40	49	57	56	57	44	32	36	37	54	51	44	38	50	43	33	36	49	61	59	38	55	46	45.7
	MIN	40	41	37	32	34	19	19	16	17	22	22	32	34	30	17	13	21	33	37	29	30	32	21	20	20	32	49	30	28	29	18	27.5
BEAVER DAM	MAX	52	52	55	47	43	40	39	31	38	39	55	56	53	46	28	37	35	54	54	50	42	53	45	31	30	44	57	59	33	55	52	45.3
	MIN	37	42	36	33	34	19	17	18	14	27	25	46	41	16	15	17	14	32	46	30	24	37	27	18	22	25	43	31	29	22	17	27.5
FORDS FERRY DAM 50	MAX	52	49	47	46	55	42	35	31	39	40	57	58	54	27	29	37	38	57	57	42	40	51	34	33	32	53	60	53	34	55	36	44.3
	MIN	38	38	34	36	31	24	22	19	19	19	27	49	23	15	15	18	23	37	39	29	29	30	26	19	24	30	49	28	27	27	12	27.6
GILBERTSVILLE 1 SE	MAX	51	52	51	47	45	43	40	32	39	49	58	58	55	45	31	38	36	55	58	46	39	51	45	34	34	51	61	60	37	58	47	46.6
	MIN	40	41	40	34	35	22	21	16	21	30	30	49	37	17	13	14	22	35	40	28	33	37	26	19	25	31	48	31	27	30	18	29.4
GOLDEN POND 8 N	MAX	49	53	56	53	47	45	43	41	33	40	50	58	58	50	22	31	38	47	60	52	45	43	53	34	35	41	55	62	34	39	57	45.9
	MIN	31	41	42	34	36	25	23	18	21	22	26	28	39	18	14	14	16	30	43	31	30	33	27	19	19	25	40	33	28	29	22	27.6
GREENVILLE 2 W	MAX	52	54	55	45	44	41		39	39	44	56	65	53	44	28	38	37	54	56	48	40	53	49	33	33	49	58	56	36	55	52	46.9
	MIN	37	41	39	32	28	20		14	13	28	21	46	39	16	13	13	16	33	44	26	24	36	25	16	22	26	45	30	28	24	19	27.1
HENDERSON 7 SSW	MAX	50	48	47	46	43	44	35	32	38	40	56	58	52	37	30	36	35	48	53	43	43	51	47	32	30	42	59	59	32	51	41	43.8
	MIN	37	40	35	35	34	23	22	17	17	30	26	27	37	16	14	18	18	33	43	29	27	35	25	17	21	30	40	30	29	26	12	27.2
HICKMAN 1 E	MAX	48	50	45	48	46	43	41	32	40	47	56	55	52	40	28	36	36	52	56	42	42	48	44	32	37	48	60	58	42	55	45	45.3
	MIN	39	38	35	32	35	18	19	16	16	19	25	46	28	16	12	10	21	28	37	29	27	37	24	18	16	32	48	28	26	29	16	26.5
HOPKINSVILLE	MAX	49	51	57	55	46	45	43	43	35	40	49	57	56	50	23	31	38	42	59	53	46	48	53	32	34	35	52	60	41	38	58	45.8
	MIN	31	37	39	31	32	21	20	15	15	18	25	25	42	19	13	13	16	25	41	28	30	32	26	19	17	24	34	40	27	25	28	26.1
LOVELACEVILLE	MAX	49	50	46	49	47	44	38	33	41	50	56	57	51	43	31	37	37	53	53	45	38	50	43	35	37	48	60	57	39	55	45	45.7
	MIN	40	40	37	31	34	19	19	15	16	23	22	50	36	17	14	12	20	34	41	27	27	37	26	18	21	31	43	30	27	27	18	27.5
MADISONVILLE 1 SE	MAX	51	54	53	46	46	42	39	33	40	48	56	57	54	45	30	38	37	54	56	49	39	52	48	33	32	49	60	60	37	55	50	46.5
	MIN	36	40	33	30	33	19	17	15	12	27	21	45	38	15	12	15	16	32	42	28	24	35	25	16	21	25	43	29	27	22	14	26.0
MAYFIELD RADIO WNGO	MAX	50	56	55	59	47	46	45	38	44	51	61	60	55	44	34	38	36	56	58	46	49	58	45	45	42	51	61	61	43	60	44	49.6
	MIN	41	41	30	32	19	30	19	14	14	27	15	49	32	19	14	13	20	34	39	39	31	26	26	17	12	32	47	31	27	24	19	26.9
MURRAY	MAX	51	51	54	52	46	44	45	41	33	42	50	58	58	49	23	30	37	44	58	51	46	50	51	33	34	42	54	60	35	40	56	45.7
	MIN	32	42	40	34	34	21	22	11	18	23	21	30	37	19	14	15	16	31	41	29	30	36	25	20	19	30	42	31	27	28	24	27.2
OWENSBORO 2 W	MAX	52	50	52	46	42	42	38	33	41	39	54	55	51	40	30	37	37	50	52	45	39	52	46	41	30	42	53	52	34	50	47	44.3
	MIN	37	40	35	34	33	22	20	17	17	28	26	45	40	17	15	19	17	32	43	29	27	36	27	18	21	26	40	32	29	25	15	27.8
PADUCAH FAA AIRPORT	MAX	48	49	46	48	45	42	36	33	40	49	57	56	55	26	31	38	36	57	54	44	41	50	35	34	35	53	60	52	38	55	36	44.5
	MIN	40	40	35	33	30	21	21	18	19	28	25	50	25	17	13	16	23	36	35	29	30	28	25	18	25	32	50	29	29	29	14	27.8
PADUCAH	MAX	50	50	50	48	46	42	41	33	39	49	57	58	56	46	31	37	37	54	59	49	41	50	45	34	34	48	61	61	37	62	49	46.9
	MIN	38	41	39	33	33	22	21	19	20	26	25	51	35	16	14	16	22	33	38	28	28	36	25	19	24	31	44	30	28	29	14	28.3
PRINCETON 1 SE	MAX	51	53	52	45	44	46	40	33	40	49	56	57	54	46	30	37	34	55	57	48	42	52	47	34	35	50	59	60	37	58	53	46.9
	MIN	39	41	42	33	34	21	19	14	15	31	25	48	37	16	12	13	21	33	41	28	28	36	25	17	23	29	47	30	26	26	17	28.0
ROCHESTER LOCK 3	MAX	49	53	56	56	45	43	42	40	33	41	42	56	56	51	26	29	39	43	55	53	44	48	55	31	33	33	52	60	47	35	54	45.2
	MIN	31	41	36	33	37	22	20	19	15	17	22	23	47	21	16	17	16	17	43	34	25	29	28	22	21	23	33	46	30	23	28	26.9
RUSSELLVILLE	MAX	48	53	58	51	45	45	44	42	35	40	42	55	55	51	25	29	37	45	55	55	47	49	55	42	35	36	52	60	40	37	55	45.7
	MIN	31	42	44	32	34	19	19	17	14	15	26	31	43	20	14	14	14	24	42	31	26	32	16	17	18	22	35	39	28	25	28	26.2
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	47	52	49	46	42	41	36	34	36	32	52	55	53	46	28	35	39	47	55	45	37	53	52	30	25	38	54	57	32	48	47	43.3
	MIN	32	42	34	33	32	20	21	18	14	23	31	40	45	16	16	12	13	32	39	30	21	33	25	17	16	22	36	30	28	29	18	26.4
BARDSTOWN NAZARETH COL	MAX	47	53	52	46	38	38	34	30	32	31	48	54	52	46	26	32	35	50	53	49	35	50	51	27	25	39	55	56	30	45	48	42.2
	MIN	31	31	39	32	32	22	18	19	14	20	29	45	44	16	15	13	15	32	44	30	21	30	24	17	18	22	39	28	28	20	20	26.1
BARREN RIVER RESERVOIR	MAX	47	54	58	52	44	44	44	45	34	40	39	55	57	52	24	32	40	46	57	58	46	47	55	30	34	32	51	62	50	36	55	45.8
	MIN	34	34	46	33	35	22	20	20	15	16	27	29	44	22	17	16	17	16	44	32	21	30	26	21	20	23	31	49	29	25	26	27.1
BOWLING GREEN FAA AP	MAX	53	55	56	44	42	42	39	33	38	42	54	56	51	27	31	38	37	55	55	47	41	55	34	33	31	49	60	57	36	53	42	44.7
	MIN	39	41	34	34	28	23	25	19	17	26	23	43	27	18	18	18	17	35	36	29	26	34	26	21	24	26	47	30	24	24	12	27.2
BRADFORDSVILLE	MAX	59	58	59	55	42	43	44	35	36	39	37	55	57	51	24	31	39	50	56	59	45	50	55	29	34	33	55	60	35	43	53	45.8
	MIN	35	35	33	33	33	18	14	21	10	15	20	35	47	20	14	9	10	19	40	30	20	26	25	19	18	20	32	34	29	19	27	24.5
CAMPBELLSVILLE 2 SSW	MAX	52	59	59	48	36	42	39	32	38	38	48	56	51	44	30	36	38	55	58	51	42	52	54	33	28	43	58	59	32	53	51	45.6
	MIN	31	45	42	33	33	23	21	19	13	22	25	40	42	17	16	18	14	29	48	29	23	31	25	18	18	22	42	31	28	21	22	27.1
CECILIA	MAX	51	56	55	49	43	43	35	33	36	35	54	52	53	45	32	36		48	55	48	40	53	53	31	26	42	54	54	32	50	48	44.7
	MIN	28	41	35	33	32	19	18	17	13	21	24	38	44	15	15	12		13	35	29	22	34	20	18	20	22	40	30	28	23	17	25.2
CLERMONT 1 SSE	MAX	45	56	55	48	43	42	42	34	37	37	53	56	56	51	30	37	38	53	56	54	43	53	53	30	32	38	56	61	32	50	51	45.9
	MIN	28	42	33	33	32	17	14	17	11	14	20	38	45	18	16	10	10	33	41	30	19	32	25	17	11	22	31	31	29	20	22	24.5
GLASGOW WKAY	MAX	51	56	57	48	40	44	39	32	38	39	54	57	50	40	29	37	36	57	57	47	42	53	49	32	32	45	57	57	32	54	48	45.5
	MIN	34	44	43	32	33	19	22	19	14	24	28	40	40	15	15	16	15	35	47	31	26	37	25	19	20	24	45	31	26	24	17	27.7
GREENSBURG	MAX	51	53	58	59	41	44	45	40	36	41	38	55	56	51	25	33	38	40	56	59	46	48	55	30	36	32	50	58	50	34	55	45.6
	MIN	30	39	35	34	35	23	20	20	15	14	24	24	42	22	17	17	14	15	38	33	24	26	28	21	20	20	31	49	30	21	25	26.0
HODGENVILLE-LINCOLN NP	MAX	53			57	41	43	39	34			53	55	56	48	30			53	57	55	43	52				53	55	58	32			
	MIN	33			33	33	20	18	18	13			39	43	18	16			15	45	28	24	36				18	40	31	29			
IRVINGTON	MAX		53	54	46	43	42	41	33	40	38	54	55	54	48	30	37	36	53	53	52	44	52	45	31	27	40	53	57	52	51		45.3
	MIN		43	32	33	32	17	14	15	13	25	22	44	41	17	16	18	12	33	38	30	21	35	25	17	19	20	37	30	22	20		25.6
LEITCHFIELD 2 N	MAX	51	54	55	46	41	42	37	32	37	36	53	56	53	46	30	37	36	53	54	46	42	54	47	31	26	46	57	58	48	53	49	45.4
	MIN	32	44	34	33	31	20	15	18	13	24	22	36	43	16	16	19	14	33	46	30	22	31	21	18	21	22	42	31	29	22	15	26.2
LOUISVILLE	MAX	48	54	54	48	44	41	40	33	37	37	53	55	56	52	30	38	38	49	55	54	41	52	54	31	32	40	55	58	33	50	52	45.6
	MIN	36	44	39	36	33	29	26	20	21	27	29	47	46	18	17	20	21	34	46	32	28	34	26	18	19	23	38	30	30	32	19	29.6
LOUISVILLE WB AP	MAX	52	54	50	41	44	42	33	35	36	34	54	56	52	29	31	37	37	48	54	44	39	54	38	32	26	47	59	59	33	50	46	43.4
	MIN	37	37	36	37	31	27	20	20	17	26	25	46	29	19	21	19	16	34	44	26	25	36	26	19	21	25	47	32	31	26	10	27.9
MAMMOTH CAVE PARK	MAX	52	56	59	51	42	43	38	32	39	37	54	57	54	46	29	36	38	56	56	51	42	53	53	31	29	46	58	59	32	55	51	46.3
	MIN	35	41	51	33	33	18	17	19	11	24	25	41	42	16	13	15	13	35	43	29	24	35	23	12	26	23	35	31	27	20	20	26.8

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

KENTUCKY
DECEMBER 1968

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	47	53	57	57	44	43	44	39	34	39	38	54	57	52	23	30	39	44	57	56	45	48	54	31	33	31	52	62	47	33	55	45.1
	MIN	30	40	39	34	34	20	18	18	13	13	30	30	43	21	12	16	14	13	42	31	25	25	24	21	20	23	30	46	29	21	21	25.7
ROUGH RIVER DAM	MAX	49	52	54	53	44	42	43	38	34	39	37	54	55	50	22	31	39	41	55	53	43	44	54	30	30	30	50	60	48	32	53	43.8
	MIN	29	37	37	34	34	21	11	12	13	13	26	26	45	20	16	17	15	16	37	30	25	29	27	18	18	20	29	46	29	24	24	25.1
SCOTTSVILLE 3 SSW	MAX	52	57	58	51	43	43	39	32	37	41	54	56	56	44	28	39	37	57	58	49	44	54	52	35	31	47	60	59	37	54	50	46.9
	MIN	37	45	44	32	33	25	21	20	18	26	28	42	44	16	15	16	21	34	44	32	28	38	25	19	21	24	45	34	28	26	23	29.2
SUMMER SHADE	MAX	53	55	59	49	43	45	40	33	39	39	54	57	51	41	29	38	38	57	58	45	42	54	54	33	31	46	57	34	54	49	49	46.0
	MIN	34	42	42	31	31	20	18	19	14	24	29	39	39	18	16	14	16	34	45	28	24	38	25	20	20	25	32	28	23	19	17	26.6
WOLF CREEK DAM	MAX	49	56	60	59	44	44	47	41	37	39	39	55	58	55	28	32	41	41	61	62	49	47	56	30	36	34	50	61	47	38	57	46.9
	MIN	36	42	35	34	35	20	18	18	14	17	23	25	42	23	17	13	14	18	38	35	24	23	28	22	22	24	34	46	30	21	25	26.3
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	50	56	56	51	39	41	37	31	34	33	50	55	53	49	22	32	39	55	59	53	40	53	52	36	31	41	58	57	34	51	48	45.0
	MIN	31	46	41	32	32	25	18	19	15	21	27	39	45	18	14	8	16	35	43	35	24	34	25	19	17	22	26	32	28	23	26	27.0
CARROLLTON LOCK 1	MAX	44	52	53	46	43	42	39	33	35	33	50	55	55	51	25	36	37	43	56	49	37	53	54	29	28	35	53	58	33	44	44	43.4
	MIN	32	42	34	35	34	20	21	18	15	25	21	44	46	19	15	12	14	35	35	33	22	34	26	18	16	22	34	32	29	25	26	27.0
COVINGTON WB AIRPORT	MAX	51	51	47	44	41	39	31	31	33	33	50	54	52	30	25	34	40	43	55	44	38	52	39	25	23	38	56	58	31	43	43	41.1
	MIN	32	40	40	34	28	23	24	20	17	22	21	44	30	19	13	12	15	34	42	31	30	34	22	19	13	22	38	30	29	25	9	26.2
CYNTHIANA 2	MAX	45	49	55	51	40	40	40	29	32	33	50	50	53	50	24	22	34	40	57	57	38	50	52	33	28	45	56	49	30	45	42	42.5
	MIN	35	29	30	35	32	20	15	18	11	13	15	15	35	22	18	7	8	20	34	31	16	27	33	15	15	25	33	30	21	28	30	23.2
DANVILLE	MAX	47	52	56	58	40	40	41	35	32	35	33	51	54	51	23	26	34	40	53	58	41	46	54	28	31	28	45	58	49	32	49	42.6
	MIN	31	38	40	33	33	22	21	20	15	15	20	25	40	20	15	10	10	15	36	33	23	23	26	19	18	18	27	43	28	20	20	24.4
DIX DAM	MAX	48	57	57	53	41	41	40	33	36	34	53	54	53	50	42	34	40	53	59	58	49	48	45	31	27	39		58	32	48	49	45.4
	MIN	35	43	35	33	33	23	19	20	16	21	24	38	43	14	15	10	15	33	45	30	27	33	26	18	17	21		32	29	24	25	26.6
FALMOUTH 5 WNW	MAX	44	54	48	45	41	40	33	32	35	33	51	54	53	40	24	30	41	43	58	47	37	52	52	33	25	34	54	56	32	42	46	42.2
	MIN	23	41	30	34	32	15	14	18	10	19	13	25	40	17	16	5	9	32	39	27	20	25	25	18	10	19	33	30	28	21	20	22.8
FARMERS 1 WNW	MAX	46	56	56	53	45	39	35	31	34	34	50	55	56	51	23	33	42	45	62	55	37	57	53	29	26	34	57	57	35	46	50	44.6
	MIN	27	42	34	35	33	24	14	22	11	18	13	29	49	20	17	4	9	30	34	33	18	34	26	21	15	20	26	34	30	24	26	24.9
FLEMINGSBURG 1 SW	MAX	45	53	54	48	40	40	30	31	31	31	48	53	54	45	22	32	38	43	58	48	36	53	52	27	25	35	55	59	31	43	46	42.1
	MIN	34	44	35	34	31	21	18	19	15	19	20	32	44	18	15	5	11	32	39	29	18	33	26	18	13	19	32	31	25	23	23	25.0
FRANKFORT LOCK 4	MAX	46	53	58	53	43	42	40	32	37	36	43	52	56	53	24	29	37	42	54	59	41	37	54	29	31	27	49	58	55	34	49	43.6
	MIN	29	35	34	35	29	21	20	20	14	14	22	21	44	23	17	10	10	12	35	33	21	22	29	21	18	17	27	47	30	24	26	24.5
LEXINGTON WB AIRPORT	MAX	52	55	53	46	40	38	32	32	34	33	52	54	52	30	25	33	39	51	58	43	38	54	42	29	26	44	60	59	33	47	45	42.9
	MIN	35	39	39	35	29	22	22	21	17	22	24	38	30	17	11	9	17	35	43	26	24	35	24	19	18	24	42	31	30	26	9	26.2
MAYSVILLE SEWAGE PLANT	MAX	45	53	55	53	42	41	42	33	30	34	33	50	55	55	28	24	34	39	50	60	37	39	55	31	27	28	44	56	59	33	48	42.4
	MIN	35	37	39	36	35	24	21	21	17	19	15	18	43	24	19	10	13	17	35	35	25	28	28	20	17	19	25	30	32	24	27	25.4
MOUNT STERLING	MAX	45	55	55	56	41	39	38	32	34	32	50	53	54	52	24	32	39	49	59	56	37	52	52	29	27	36	55	58	33	45	47	44.1
	MIN	30	45	35	33	32	21	13	21	15	20	17	36	44	19	16	7	15	32	40	32	20	33	25	19	16	19	35	32	29	23	28	25.9
OWENTON 2 S	MAX	42	53	50	48	40	40	37	33	35	32	49	53	52	47	24	35	41	44	56	52	37	52	52	28	28	37	54	50	32	45	42	42.6
	MIN	28	42	30	34	31	13	16	16	9	21	16	30	46	18	14	5	9	32	36	31	16	33	25	15	15	20	36	30	28	22	22	23.8
RICHMOND	MAX	44	51	57	55	39	42	41	34	35	33	34	51	56	53	25	25	34	40	53	61	42	49	52	27	32	28	43	54			58	43.0
	MIN	32	35	39	34	32	19	22	21	14	18	21	33	37	23	15	7	15	21	37	31	23	26	27	20	16	17	28	43			30	25.4
SHELBYVILLE	MAX	46	52	54	51	42	41	40	31	34	35	32	51	55	50	21	25	35	39	52	55	41	39	53	28	31	27	48	59	49	32	47	41.8
	MIN	31	34	36	34	32	22	20	19	14	15	24	24	42	20	15	12	13	15	36	31	20	25	26	18	16	17	26	45	29	24	28	24.6
WARSAW MARKLAND DAM	MAX	44	56	52	49	44	40	40	32	32	34	34	51	55	52	26	23	35	41	50	56	36	38	54	37	28	25	48	58	57	32	46	42.1
	MIN	27	34	34	35	32	24	19	14	15	15	21	22	45	22	17	11	10	14	35	24	27	27	10	20	16	15	24	42	24	27	27	23.5
WAYNESBURG 7 NE	MAX	50	57	56	52	40	43	36	31	33	32	52	52	51		33	34	38	55	58	52	39	51	54	30	37	41	55	58	44	50	47	45.4
	MIN	31	45	41	32	30	22	21	19	16	18	24	35	41	16	14	6	14	33	44	31	22	34	24	11	17	21	37	30	27	21	23	25.8
WILLIAMSTOWN 3 NW	MAX	43	52	48	45	40	40	35	33	33	32	50	54	52	46	23	33	40	44	57	47	35	53	52	30	25	33	52	57	31	41	45	42.0
	MIN	32	42	39	34	30	20	22	18	16	20	20	39	43	16	15	8	18	32	41	32	24	32	24	16	12	20	32	30	28	25	22	25.9
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	53	59	56	52	42	42	42	32	31	32	34	48	57	58	29	24	32	40	42	65	40	43	55	32	28	27	39	62	59	34	49	43.2
	MIN	37	28	32	39	34	19	16	19	13	14	13	11	32	29	19	9	10	13	32	36	22	23	30	19	12	16	23	37	31	25	26	23.2
BARBOURVILLE	MAX	48	55	65	52	41	44	50	45	33	36	37	52	56	65	41	26	36	43	60	64	52	46	59	32	35	29	49	65	66	37	55	47.5
	MIN	37	39	34	33	32	20	19	17	12	11	17	20	25	28	15	5	4	9	35	38	18	18	30	22	18	20	27	43	29	17	17	22.9
BAXTER	MAX	47	50	61	49	36	43	47	40	30	35	38	49	54	56	34	23	35	44	59	60	50	46	52	37	34	29	45	59	57	35	50	44.6
	MIN	21	41	35	34	25	20	19	18	13	13	16	19	22	30	15	2	3	8	33	26	20	20	35	23	17	20	28	34	29	18	17	21.7
BLAINE 2 W	MAX	45	53	60	65	40	42	40	37	43	34	33	46	56	60	31	23	36	43	50	65	41	53	53	35	30	28	30	61	55		47	44.5
	MIN	30	30	31	33	34	17	12	25	9	8	10	10	19	30	12	5	4	6	28	30	16	15	33	20	13	13	17	24	20	20	20	19.2
CUMBERLAND	MAX	55	62	63	53	40	45	38	39	34	38	49	58	55	45	22	36	44	59	58	54	46	55	54	34	28	45	57	61	37	53	47	47.2
	MIN	22	45	31	31	29	16	15	19	11	11	12	34	38	20	14	0	4	31	32	25	16	39	24	21	16	18	40	35	28	14	28	23.2
DEWEY DAM	MAX	46	54	60	52	43	42	41	36	29	30	34	46	57	56	32	23	29	36	46	64	45	40	56	36	30	27	34	58	56	40	46	42.7
	MIN	26	30	36	37	35	20	20	19	12	13	12	11	19	31	20	8	7	8	30	34	19	23	35	24	19	20	25	32	31	21	21	22.5
GRAYSON 3 SE	MAX	44	53	55	52	42	41	40	32	29	33	33	49	57	57	28	23	32	41	44	64	39	37	55	30	28	28	40	59	59	33	48	42.1
	MIN	26	32	32	36	34	22	14	16	10	11	10	10	35	27	19	9	9	10	31	38	17	18	30	20	12	13	23	38	30	22	22	21.8
HEIDELBERG LOCK 14	MAX	48	60	61	53	42	42	43	33	34	36	51	54	55	53	24	34	40	57	62	62	43	52	54	32	33	32	56	62	53	49	52	47.2
	MIN	25	48	35	35	35	18	16	23	11	14	12	21	46	22	17	2	6	32	31	28	18	34	27	23	18	24	30	36	30	19	32	24.8
HINDMAN 11 NNE	MAX	45	56	60	48	43	43	42	38	30	32	35	44	56	58	32	28	29	35	50	46	41	56	56	31	29	37	60	62	56	35	47	43.9
	MIN	24	32	32	34	33	19	18	19	7	8	10	10	16	29	17	4	5	6	28	31	18	34	29	23	20	21	30	40	30	19	20	21.5
HYDEN	MAX	35	55	61	50	41	43	45	40	31	33	38	47	57	58	42	29	32	42	59	63	47	44	54	35	32	29	47	62	56	35	51	44.9
	MIN	26	32	35	35	31	19	17	17	14	13	13	15	21	29	17	2	2	7	29	32	19	19	30	23	16	21	27	42	29	18	18	21.5
JACKSON	MAX	45	55	64	54	42	44	44	38	37	36	37	52	56	57	29	25	34	42	56	65	43	41	55	32	33	29	38	63	58	35	52	44.7
	MIN	25	33	35	36	34	19	17	17	13	12	14	14	21	28	12	1	1	8	32	39	19	19	31	23	20	20	21	37	30	20	21	21.7

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DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	51	61	52	46	40	42	37	30	32	33	51	55	52	36	22	33	40	58	60	45	40	51	44	31	25	42	59	59	31	50	44	43.6
	MIN	30	39	34	31	24	18	17	14	11	17	20	26	35	14	6	4	9	34	41	24	20	35	25	20	18	22	42	30	21	18	12	22.9
MANCHESTER 4 SE	MAX	55	63	58	49	44	46	41	33	37	37	52	55	56	51	25	34	44	60	64	60	45	54	53	35	31	44	56	63	37	54	50	47.9
	MIN	24	49	35	34	32	17	15	23	10	13	18	20	47	21	16	1	7	34	31	35	17	37	27	22	15	21	35	37	28	16	32	24.8
MC KEE	MAX	44	50	58	54	39	35	44	35	30	38	34	48	55	53	24	22	36	38	52	59	42	39	53	28	31	27	45	58	53	32	51	42.2
	MIN	25	33	34	32	33	15	15	15	8	9	15	15	33	23	15	0	0	5	32	34	18	18	27	21	16	18	26	36	28	17	18	20.5
MIDDLESBORO	MAX	47	58	61	51	38	45	47	41	32	36	37	49	51	54	29	26	37	46	59	58	51	44	49	34	33	32	41	56	53	37	47	44.5
	MIN	27	38	41	34	31	22	20	19	11	11	17	22	32	29	15	9	8	10	33	34	20	19	34	23	20	21	31	37	29	18	18	23.6
MONTICELLO	MAX	54	61	59	47	44	47	40	34	38	38	55	57	52	43	29	38	42	61	61	50	43	54	52	34	30	44	56	54	36	55	47	46.9
	MIN	32	48	37	32	30	20	17	22	12	17	26	37	43	19	16	12	12	35	49	31	21	37	26	21	21	23	42	33	29	20	24	27.2
MOUNT VERNON	MAX		59	54	50	46	43	38	32	35	33	51	53	52	48	24	34	47	56	59	54	40	51	52	32	29	42	57	57	32	51	47	45.3
	MIN		46	40	32	32	20	17	20	11	18	23	36	44	17	14	17	10	34	46	33	21	35	25	19	18	21	39	31	27	19	25	26.3
PIKEVILLE	MAX	56	66	48	47	47	47	40	33	37	37	49	62	61	48	28	37	39	47	66	53	45	55	53	36	30	37	60	59	41	52	45	47.1
	MIN	27	48	37	36	36	23	22	23	16	20	15	21	42	24	19	9	10	30	32	33	22	37	30	25	22	24	35	41	32	22	28	27.1
SOMERSET 2 N	MAX	51	59	55	48	41	54	36	34	35	34	52	52	53	44	30	34	41	56	55	50	42	52	52	34	32	43	56	59	34	52	48	45.7
	MIN	33	39	41	33	35	16	19	16	12	18	23	36	42	23	15	8	28	35	35	33	22	36	26	23	18	23			29	19	26	26.3
STEARNS	MAX	52	59	60	51	32	40	39	37	32	30	36	49	52	50	22	25	24	40	56	60	59	47	51	26	34	39	53	54	43		51	43.4
	MIN	39	39	41	32	28	23	23	25	12	12	20	23	34	22	12	9	8	12	31	31	29	24	25	19	12	27	38	42	27	21	23	24.6
TOMAHAWK 1 WSW	MAX	45	57	62	53	42	44	42	36	29	33	34	47	59	61	31	26	36	38	50	65	42	40	56	36	31	27	35	64	59	35	48	44.0
	MIN	21	37	32	32	33	16	14	14	9	9	9	9	15	19	16	5	5	5	28	30	15	16	33	21	11	11	16	29	29	20	20	18.7
VANCEBURG	MAX	40	50	50	46	37	36	33	25	28	30	47	53	53	50	23	27	38	39	57	54	36	41	40	26	33	31	54	52	26	38	40	39.8
	MIN	23	36	31	34	33	18	14	19	9	14	9	20	45	19	16	5	8	23	29	33	19	20	24	18	19	15	29	20	20	20	27	21.6
WEST LIBERTY	MAX	45	50	60	55	41	42	41	36	31	35	34	50	53	56	27	25	33	43	50	64	39	39	54	34	30	26	42	60	56	34	50	43.1
	MIN	26	34	34	35	34	19	16	16	10	10	14	14	25	25	16	5	5	9	30	34	17	17	29	27	15	15	20	42	30	21	21	21.5
WILLIAMSBURG 1 E	MAX	54	64	56	49	45	47	43	35	38	36	52	55	56	54	29	38	43	62	64	61	48	50	52	55	39	44	57	59	60	62	65	50.7
	MIN	33	49	38	31	31	20	19	22	11	16	29	36	46	20	14	7	11	38	47	35	19	20	19	21	19	22	39	35	33	40	51	28.1

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	24	5.6	12.2	33++	25	28	69	70	63	66	9	8	6	2	0	0	25	-	8.2
LEXINGTON WB AIRPORT	22	5.3	11.2	32++	25	28	68	72	61	63	8	6	6	2	0	0	22	-	7.9
LOUISVILLE WB AIRPORT	25	4.1	10.5	52	W	23	66	70	59	61	6	9	6	3	0	0	24	40	7.6

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BEAVER DAM	SNOWFALL																												-			
	SN ON GND																															
FORDS FERRY DAM 50	SNOWFALL														T	T																
	SN ON GND														T	T																
HENDERSON 7 SSW	SNOWFALL							T							T														T			
	SN ON GND																															
HOPKINSVILLE	SNOWFALL				T										T										T					T		
	SN ON GND				T																											
MURRAY	SNOWFALL														T																	
	SN ON GND														T																	
OWENSBORO 2 W	SNOWFALL														T									T								
	SN ON GND																															
PADUCAH FAA AIRPORT	SNOWFALL														T									T					T			T
	SN ON GND																															
RUSSELLVILLE	SNOWFALL																										-					
	SN ON GND																										-					
* * * CENTRAL 02																																
BARDSTOWN NAZARETH COL	SNOWFALL				T			T							T																	
	SN ON GND																															
BOWLING GREEN FAA AP	SNOWFALL			T	.1										T									T					T			
	SN ON GND																															
CAMPBELLSVILLE 2 SSW	SNOWFALL				-										-												-					
	SN ON GND				T										T												T					
IRVINGTON	SNOWFALL																		-													
	SN ON GND																		-													
LOUISVILLE WB AP	SNOWFALL				T			.3	T						.3	.1								.4	T	T	T		T	T		
	SN ON GND														T	T									T		T			T		
	WTR EQUIV																															
MAMMOTH CAVE PARK	SNOWFALL														T	T								T								
	SN ON GND																															
MILLERSTOWN	SNOWFALL														T		T							T								
	SN ON GND														T		T															
SUMMER SHADE	SNOWFALL				T										T	T								T			T					
	SN ON GND																															
* * * BLUE GRASS 03																																
BEREA COLLEGE	SNOWFALL				1.2			.2	.3						1.2	T								.7								
	SN ON GND				T			T	T						1	1	T	T						T	T	T						
COVINGTON WB AIRPORT	SNOWFALL	T			T			.7	T		T			T	.4	T		T	.2					.4	T	T	T		.3	T		
	SN ON GND				T				T	T	T	T				T	T		T						T	T	T			T	T	
	WTR EQUIV																															
CYNTHIANA	SNOWFALL								.3						T	.3	T								.4			T		T	T	
	SN ON GND								T	T						T	T								T							
DANVILLE	SNOWFALL								T	T						.5									T							
	SN ON GND								T							1	T															
FARMERS 1 WNW	SNOWFALL								T							1.5									T							
	SN ON GND								T							2	1	T							T							
GEST LOCK 3	SNOWFALL								-																							
	SN ON GND								-																							
LEXINGTON WB AIRPORT	SNOWFALL				T			.2	T						.7	.1								.5	T		T		T	T		
	SN ON GND								T	T					T	1	T	T							T	T	T			T		
	WTR EQUIV																															
MAYSVILLE SEWAGE PLANT	SNOWFALL																								.3							
	SN ON GND																								T							
WILLIAMSTOWN 3 NW	SNOWFALL							.2							.2	.1								T			T		T	T		
	SN ON GND							T	T						T	T								T			T		T	T		
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL	T			1.5			.5	1.0						1.5	4.5									.5		T			T		T
	SN ON GND				1			1	1	T					1	1	T	T							T							
DEWEY DAM	SNOWFALL															T																
	SN ON GND																															
HAZARD WATER WORKS	SNOWFALL								-						-										-							
	SN ON GND								T						2	1	T	T							T	T						
HEIDELBERG LOCK 14	SNOWFALL								-							-																
	SN ON GND								T							2	2	T														
LONDON FAA AP	SNOWFALL				T			T	T						1.0	1.0								T	T				T	T		
	SN ON GND				T				T							1	T								T							
MIDDLESBORO	SNOWFALL				T										-															-		-
	SN ON GND																															
MONTICELLO	SNOWFALL															T																
	SN ON GND																															
PIKEVILLE	SNOWFALL							T	T					T	T	2.4								T	T		T					
	SN ON GND														T	2	T							T	T							
SOMERSET 2 N	SNOWFALL															-							-									
	SN ON GND															-																

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BARDSTOWN S J PREP SCH																																	
4 INCHES	MAX	46	49	49	48	49	48	41	39	38	36	38	41	42	44	39	36	35	38	43	43	42	41	48	41	36	35	39	44	42	38	37	41.5
	MIN	45	45	47	45	41	40	38	38	36	36	36	38	41	35	36	35	34	34	38	41	38	39	41	36	35	35	35	39	38	37	36	38.3
20 INCHES	5 PM	51	51	51	51	50	50	48	47	46	40	45	45	45	46	45	44	44	43	44	45	43	44	45	44	43	42	42	43	44	43	44	45.4
BEREA COLLEGE																																	
4 INCHES	MAX	47	48	48	47	45	43	42	40	39	38	38	39	42	43	40	39	36	38	41	41	41	41	41	38	36	35	38	43	42	38	37	40.8
	MIN	46	47	48	45	43	41	39	39	37	36	36	38	39	40	38	35	35	36	38	40	38	38	34	36	34	34	35	38	38	35	37	38.5
20 INCHES	5 PM	51	51	51	51	50	49	48	47	46	45	45	44	44	44	44	44	43	43	43	43	43	43	43	43	42	42	41	42	42	42	41	44.8
CAMPBELLSVILLE																																	
4 INCHES	MAX	42	43	43	42	42	42	41	41	43	38	38	37	37	37	36	36	36	37	37	37	37	37	37	37	37	37	37	38	38	37	37	38.5
	MIN	42	42	42	42	42	41	39	39	37	37	37	37	37	36	33	35	35	36	37	37	36	36	36	37	36	37	37	37	37	37	37	37.6
20 INCHES	6 PM	45	48	48	49	49	48	47	46	45	44	44	44	44	45	44	43	42	42	42	43	42	42	43	42	42	41	42	42	42	42	42	44.0
CUMBERLAND GAP PARK																																	
4 INCHES	MAX	45	45	47	48	46	44	41	40	40	36	40	40	40	39	40	38	35	38	39	39	38	40	40	40	38	39	38	42	40	42	39	40.5
	MIN	45	45	45	46	44	41	40	40	36	36	36	36	38	39	38	35	35	34	37	38	37	36	40	37	37	35	36	38	40	37	37	38.5
20 INCHES	5 PM	50	50	50	50	50	49	48	47	46	45	45	45	45	45	45	44	43	43	43	43	43	43	43	43	43	43	42	43	44	43	43	45.1
FLEMINGSBURG 1 SW																																	
4 INCHES	MAX	46	45	46	46	42	39	36	35	34	33	33	35	40	40	36	34	33	33	38	38	37	37	39	35	34	33	34	40	38	35	35	37.4
	MIN	42	42	43	42	39	36	34	34	33	33	32	32	34	35	34	33	32	32	33	36	33	33	35	24	32	32	32	34	35	34	34	34.5
20 INCHES	6 PM	49	49	49	49	49	48	47	46	45	44	43	43	43	43	43	43	42	42	41	42	42	42	41	41	41	41	41	40	41	41	41	43.6
GLASGOW WKAY																																	
4 INCHES	MAX	49	50	51	50	49	46	43	42	40	40	42	44	46	46	43	40	39	41	45	45	42	44	44	41	39	40	44	45	45	42	42	43.8
	MIN	48	48	50	49	46	43	42	40	39	39	40	42	43	43	40	38	37	37	41	42	41	41	41	39	38	38	40	44	42	38	38	41.5
20 INCHES	6 PM	51	51	51	51	50	49	49	48	47	46	46	46	47	47	46	45	44	44	44	44	44	44	44	43	43	43	43	43	44	44	44	46.0
GREENVILLE 2 W																																	
4 INCHES	MAX	50	48	48	54	47	51	-	42	39	40	40	43	44	43	40	36	35	40	43	42	40	44	44	40	57	38	43	46	43	42	42	43.5
	MIN	48	48	47	47	44	47	-	39	36	39	38	40	43	39	36	34	34	35	40	39	40	40	40	36	36	37	37	43	39	39	41	40.0
20 INCHES	5 PM	52	52	51	51	51	51	-	48	47	46	46	46	46	46	46	45	44	44	44	45	45	45	45	44	44	43	43	44	44	44	44	46.2
HENDERSON 7 SSW																																	
4 INCHES	MAX	52	50	50	50	50	48	45	43	43	42	43	45	45	46	44	41	40	41	44	43	43	44	43	43	40	40	42	45	45	44	42	44.4
	MIN	50	50	50	50	48	45	43	43	40	42	42	42	45	44	41	40	39	40	41	43	43	43	42	40	40	40	40	42	43	42	41	43.0
20 INCHES	6 PM	53	52	52	52	51	50	49	49	47	47	47	47	47	47	46	45	45	45	45	45	45	45	45	45	44	43	44	45	45	44	44	46.8
IRVINGTON																																	
4 INCHES	MAX	-	52	50	49	47	46	-	45	43	40	-	-	-	-	-	43	39	41	42	42	44	42	41	41	38	38	41	42	45	41	40	43.0
	MIN	-	47	49	47	45	43	-	43	39	39	-	-	-	-	-	39	36	37	40	42	42	39	39	38	38	38	37	38	41	40	40	40.7
20 INCHES	6 PM	-	50	50	56	49	48	-	48	45	44	-	-	-	-	-	44	42	42	42	43	42	43	42	42	42	42	41	42	42	42	42	44.4
LEXINGTON CAMPUS FARM																																	
BARE GROUND																																	
1 INCH	MAX	46	54	49	40	41	33	32	33	33	33	35	40	49	35	33	32	32	37	51	38	35	48	39	34	33	32	47	50	34	36	39	38.8
	MIN	33	40	33	33	33	30	28	29	28	29	28	33	35	33	29	27	25	32	35	34	33	33	34	33	30	30	32	34	33	33	29	31.6
2 INCHES	MAX	46	52	47	39	40	34	31	33	32	32	32	37	48	36	33	32	32	34	49	38	35	47	40	34	34	32	45	49	35	36	39	38.2
	MIN	34	41	34	34	34	31	30	31	29	30	30	32	36	33	32	29	28	32	34	34	33	33	34	34	32	32	32	35	34	33	32	32.6
4 INCHES	MAX	45	50	46	42	39	36	33	34	33	34	33	36	45	39	35	34	32	34	45	40	37	45	41	35	35	34	43	47	37	36	39	38.5
	MIN	37	44	42	37	36	33	32	33	33	33	32	33	36	35	34	28	32	32	34	37	35	35	35	35	34	33	33	37	35	34	34	34.6
8 INCHES	MAX	44	48	46	43	41	40	36	37	36	37	36	37	43	42	38	36	35	35	43	41	39	43	42	38	37	36	40	44	39	37	39	39.6
	MIN	41	44	43	41	40	36	36	36	36	36	35	36	37	38	36	35	35	35	35	38	37	37	38	37	36	35	35	39	37	36	37	37.2
SOD																																	
1 INCH	MAX	46	49	47	44	41	39	37	37	36	36	40	42	45	42	36	35	33	40	44	41	39	44	42	36	35	35	43	46	38	39	40	40.2
	MIN	41	45	44	41	39	37	34	35	34	35	35	38	42	36	35	33	33	33	40	39	36	37	36	35	34	33	35	38	36	35	35	36.7
2 INCHES	MAX	45	48	46	45	42	40	38	38	36	36	39	41	45	42	37	36	34	40	44	42	39	44	42	37	36	35	42	45	39	39	40	40.4
	MIN	42	45	45	41	40	38	35	36	35	36	36	38	42	37	36	34	34	34	40	39	37	38	37	36	35	34	35	39	37	36	36	37.5
4 INCHES	MAX	45	48	46	45	42	42	39	39	37	37	39	41	44	43	38	36	35	40	43	42	40	43	42	38	37	35	42	44	40	39	40	40.7
	MIN	43	45	45	42	42	39	37	37	36	36	36	38	41	38	36	35	34	35	39	40	37	38	38	37	35	35	35	40	38	36	37	38.1
8 INCHES	MAX	46	47	47	46	44	43	41	41	39	39	40	41	44	43	40	39	38	40	42	42	41	43	42	40	39	37	40	43	40	39	40	41.5
	MIN	45	46	46	44	43	41	40	39	39	39	39	40	41	40	39	38	37	37	40	41	39	39	40	39	37	37	37	40	39	38	39	39.9
20 INCHES	7 PM	49	49	48	48	48	46	46	46	46	45	45	45	45	45	44	43	43	43	43	43	44	43	43	43	42	41	41	42	42	42	42	44.4
40 INCHES	7 PM	53	52	51	51	52	51	51	52	51	51	50	50	49	49	49	49	49	48	48	47	48	48	48	47	47	47	47	46	46	46	46	49.0
MAYFIELD RADIO WNGO																																	
4 INCHES	MAX	51	51	51	50	51	52	51	-	41	42	42	44	44	45	-	41	40	41	41	41	41	41	45	44	41	-	-	-	-	41	41	44.5
	MIN	48	50	50	46	50	51	46	-	39	40	40	40	40	40	-	39	39	40	38	40	40	40	41	40	39	-	-	-	-	39	40	42.2
20 INCHES	5 PM	52	52	51	51	51	50	49	-	46	44	46	45	45	46	-	45	44	44	44	43	44	43	45	45	44	-	-	-	-	44	44	46.3

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
PRINCETON 1 SE																																		
	4 INCHES	MAX	48	47	47	47	46	44	42	40	37	39	39	42	43	44	39	36	36	38	4D	41	4D	42	42	38	36	36	41	44	41	39	39	41.1
		MIN	47	47	4D	45	44	40	4D	37	37	37	38	39	42	39	36	35	35	35	38	40	40	40	38	35	35	35	36	41	39	37	38	38.9
	20 INCHES	5 PM	52	52	52	51	51	5D	49	48	47	46	46	46	47	47	46	45	44	44	45	45	45	45	45	45	44	43	43	45	45	44	44	46.5
QUICKSANO																																		
	4 INCHES	MAX	45	49	50	46	46	47	4D	38	37	37	34	36	41	4D	41	41	4D	39	42	42	42	41	42	39	36	34	38	40	41	43	38	4D.8
		MIN	45	44	46	44	41	36	38	34	37	34	34	33	36	35	36	35	38	34	38	39	38	35	38	34	34	34	33	35	35	36	37	37.D
	2D INCHES	4 PM	48	48	48	48	47	46	44	44	42	41	41	4D	4D	40	40	4D	40	40	40	41	41	41	4D	4D	40	4D	45	45	45	40	4D	42.4
SOMERSET 2 N																																		
	1 INCH	MAX	53	51	50	49	49	45	40	40	4D	41	41	41	44	44	44	39	36	42	42	44	42	44	44	38	37	36	42	42	47	39	39	42.7
		MIN	46	46	47	45	45	38	38	37	38	34	36	36	4D	39	39	34	33	36	36	39	36	38	38	34	34	34	36	36	38	34	39	38.0
	4 INCHES	MAX	53	49	5D	48	48	46	42	41	42	41	42	41	44	42	44	41	37	41	44	44	42	43	44	39	38	37	41	40	46	39	39	42.8
		MIN	45	46	46	46	46	39	40	39	39	37	38	37	41	39	39	36	34	34	4D	4D	37	39	39	36	35	36	36	36	39	35	39	39.D
	20 INCHES	6 PM	52	52	50	50	5D	5D	5D	48	49	47	47	47	47	47	47	46	45	45	46	46	46	46	46	45	44	44	44	44	45	45	44	46.9
WILLIAMSTOWN 3 NW																																		
	4 INCHES	MAX	48	48	48	48	48	45	42	42	4D	4D	39	41	44	43	42	4D	39	38	42	41	41	41	4D	41	38	38	37	42	43	39	39	41.8
		MIN	47	46	48	48	45	42	41	40	39	39	39	38	41	41	4D	38	38	38	37	41	4D	4D	40	38	38	37	37	37	39	38	38	40.3
	2D INCHES	6 PM	51	5D	5D	5D	5D	49	48	47	46	45	45	45	45	45	45	44	44	43	43	44	44	44	44	43	43	42	42	42	43	42	42	45.2

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN S.J. PREP SCHOOL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOO	ZERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	1D PERCENT TO THE SOUTH
IRVINGTON	CRIOER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
OUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

CLIMATOLOGICAL DATA

KENTUCKY
DECEMBER 1968
DELAYED DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * MARCH 1968																							
WEST LIBERTY	58.6	29.5	44.1		80	21	11	5+	644	0	1	20	0	6.50		2.07	12				8	5	2
* * * APRIL 1968																							
WEST LIBERTY	68.7M	38.4M	53.6M		83	23	29	2	347	0	0	3	0	6.26		2.86	5	.0	0		9	3	1
* * * MAY 1968																							
WEST LIBERTY	73.7	46.8	60.3		85	16	30	8+	168	0	0	2	0	4.96		1.22	27	.0	0		11	3	1
* * * JUNE 1968																							
WEST LIBERTY	82.9	55.2	69.1		91	12	45	21	20	4	0	0	0	2.85		.64	18+	.0	0		7	2	0
* * * JULY 1968																							
WEST LIBERTY	86.7	59.5	73.1		93	2+	45	4	7	10	0	0	0	3.74		.89	14	.0	0		9	3	0
WILLIAMSBURG 1 E	86.4	64.3	75.4	- 1.8	93	19+	52	6+	0	8	0	0	0	7.38	2.48	1.94	23	.0	0		6	5	3
* * * AUGUST 1968																							
MIDDLESBORO	87.1	63.5	75.3		95	23	45	29+	11	14	0	0	0	3.25		1.51	2	.0	0		6	2	1
* * * SEPTEMBER 1968																							
BEREA COLLEGE	80.8	58.6	69.7	- .1	89	4	46	28+	9	0	0	0	0	1.43	- 1.39	.45	6	.0	0		4	0	0
WILLIAMSBURG 1 E	80.3	55.6	68.0	- 2.2	87	24+	44	27	19	0	0	0	0	3.11	.42	1.12	6	.0	0		6	2	1

DAILY PRECIPITA TION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																
MARCH 1968																																
WEST LIBERTY	6.50	.02	T								.28	.20	2.07	.99	T		T	.73				.37	1.09	.72	.03						T	
* * *																																
APRIL 1968																																
WEST LIBERTY	6.26	.95		.12	.29	2.86			T	.25		.02			T	.74			T		T				.48		.23	.23	.09		T	
* * *																																
MAY 1968																																
GEORGETOWN WATER WORKS	5.75				.10					.05	.02	.47	.48	T		.04			.57					.27	.83	1.11	.82	.89		.10		
PARADISE STEAM PLANT R	6.91									.50		.71	.06		1.31		.88		.28			.07		.10		.22	1.23	.65		.08	.82	
WEST LIBERTY	4.96				.09		T			.30	.03	.22	.17		T	.44	T		T	.47	T	T		T	.20	.60	.22	1.22	T	.03	.64	.33
* * *																																
JUNE 1968																																
FRENCHBURG	1.99		.19	.34						.45							.49						.04	.14				.34				
GEORGETOWN WATER WORKS	3.90																	.54						2.90	.09	.05	.17			.15		
WEST LIBERTY	2.85		T	.35	T					.22		.64	T	T				T	.64					T	.35	.08	.22	.35				
* * *																																
JULY 1968																																
FRENCHBURG	-	.90					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GEORGETOWN WATER WORKS	2.50								.13	.03		.39				.71	.34			.10		.03				.41			.36			
WEST LIBERTY	3.74			.78											.89	.14				.32	T		.10	.07			.72	.37	.25			.10
WILLIAMSBURG 1 E	7.38			.04										.09		.09		.03		1.60			.09	1.94			.59	1.87	.78			.26
* * *																																
AUGUST 1968																																
MIDDLESBORO	3.25		1.51		.41					.13	.09	.85	.11				.15															
* * *																																
SEPTEMBER 1968																																
BEREA COLLEGE	1.43					.25	.45			.05	.25							T	.41	T						.02						
PARADISE STEAM PLANT R	3.98	.13			.20	.60	.43										.03	1.47	.88	.10						.10	.04					
WILLIAMSBURG 1 E	3.11	.06	.13			.44	1.12				.49									.58	.29											

DAILY SOIL TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
SEPTEMBER 1968																																	
BEREA COLLEGE																																	
4 INCHES	MAX	76	75	75	75	74	74	74	73	72	72	72	71	72	72	72	72	72	71	70	71	73	73	73	74	74	72	71	71	70	71		72.6
	MIN	74	73	72	73	72	72	71	71	71	71	70	69	71	70	70	70	70	70	69	69	71	72	72	72	72	70	68	68	67	68		70.6
20 INCHES	5 PM	75	74	74	74	74	74	74	74	74	74	73	72	72	71	71	71	71	71	71	70	70	71	71	71	71	71	70	70	70	70		72.0
NOVEMBER 1968																																	
CAMPBELLSVILLE																																	
4 INCHES	MAX	60	61	60	60	62	57	55	53	53	49	46	46	46	48	50	54	51	51	51	47	44	44	44	47	44	43	42	43	43	43		49.9
	MIN	55	57	57	57	48	55	53	53	49	46	46	46	42	44	48	50	51	51	47	44	43	43	43	44	43	41	42	42	42	42		47.5
20 INCHES	6 PM	56	57	57	58	62	57	56	56	56	55	53	52	51	51	51	52	52	52	52	52	50	49	49	50	50	50	50	50	50	50		52.9

BEREA COLLEGE	:	BYINGTON SILT LOAM, CLIPPED BLUEGRASS SOO, DEGREE OF SLOPE 0.
CAMPBELLSVILLE	:	DICKSON SILT LOAM, FESCUE PASTURE, DEGREE OF SLOPE 3 PERCENT TO THE SOUTH.

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
MARCH 1968																																	
WEST LIBERTY	MAX	32	39	53	38	53	64	44	59	67	75	55	55	54	35	51	62	54	63	70	77	80	70	42	33	48	62	72	78	75	79	79	58.6
	MIN	22	22	18	11	11	26	17	17	27	51	41	38	20	17	17	31	34	27	27	43	43	40	27	26	23	23	31	35	45	48	55	29.5
* * *																																	
APRIL 1968																																	
WEST LIBERTY	MAX	70	59	72	69	62	45	61	72	67	69	69	64	80	81	80	59	70	68	80	75			83		62	65	75	60	70	67		68.7
	MIN	38	29	33	46	40	37	33	37	47	43	33	30	33	40	37	37	38	45	43	50				43	37	32	36	37	41	41		38.4
* * *																																	
MAY 1968																																	
WEST LIBERTY	MAX	72	82	83	84	71	59	64	70	80	70	69	72	76	80	78	85	80	75	68	65	66	66	73	80	79	80	77	70	70	74	68	73.7
	MIN	38	38	43	46	40	33	30	30	37	50	55	56	53	53	57	60	48	48	46	44	40	40	40	55	55	60	60	52	46	49	48	46.8
* * *																																	
JUNE 1968																																	
WEST LIBERTY	MAX	70	80	75	80	84	87	88	84	85	88	90	91	86	72	82	87	82	71	80	85	80	84	89	90	83	87	83	70	84	90		82.9
	MIN	48	48	57	54	50	50	54	61	62	65	65	65	50	47	47	55	62	52	52	57	45	48	54	60	62	62	61	53	53	57		55.2
* * *																																	
JULY 1968																																	
WEST LIBERTY	MAX	93	93	88	77	78	83	86	88	87	85	89	90	90	90	85	84	89	92	92	87	83	90	90	89	90	86	83	81	85	81	84	86.7
	MIN	60	61	60	45	46	46	53	55	60	59	59	60	62	62	61	62	64	65	65	64	61	61	63	63	65	68	69	63	61	51	51	59.5
WILLIAMSBURG 1 E	MAX	93	92	77	80	85	86	87	86	82	84	90	92	89	84	86	87	91	93	93	90	89	88	86	88	86	84	80	83	81	80	85	86.4
	MIN	66	67	69	53	52	52	57	63	65	66	64	63	63	64	65	65	65	64	66	68	66	66	67	67	69	69	68	69	67	60	69	64.3
* * *																																	
AUGUST 1968																																	
MIDDLESBORO	MAX	87	83	87	85	87	91	92	93	92	90	87	76	85	85	83	85	92	93	92	93	92	93	95	94	92	88	78	73	78	79	81	87.1
	MIN	68	69	68	68	65	60	69	70	69	69	70	59	58	69	68	67	68	66	63	68	68	68	69	72	64	55	49	45	45	48	51	63.5
* * *																																	
SEPTEMBER 1968																																	
BEREA COLLEGE	MAX	80	83	84	89	81	79	81	84	78	73	71	71	78	82	85	82	80	76	74	86	88	86	88	87	83	74	78	80	80	82		80.8
	MIN	64	64	62	60	70	59	54	56	66	59	57	52	46	49	61	65	65	58	56	67	65	61	62	63	64	55	52	46	49	52		58.6
WILLIAMSBURG 1 E	MAX	85	87	85	83	79	78	83	80	73	72	73	74	78	81	82	79	78	76	68	84	85	86	86	87	86	79	79	80	80	83		80.3
	MIN	61	54	63	61	61	62	51	62	61	58	51	45	46	48	52	57	63	58	56	59	62	61	59	57	59	55	44	49	45	49		55.6

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
AUGUST 1967	CLIMATOLOGICAL DATA	EASTERN 04	BARBOURVILLE	AVERAGE MAXIMUM TEMPERATURE 83.0, AVERAGE TEMPERATURE 71.6, HIGHEST TEMPERATURE 90° ON THE 20, NUMBER OF DAYS WITH MAXIMUM 90° OR ABOVE 1
AUGUST 1967	DAILY TEMPERATURE	EASTERN 04	BARBOURVILLE	MAXIMUM ON 4TH 89, AVERAGE MAXIMUM 71.6

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ↕	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		7A			OTHO KELLER
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			KENTUCKY UTILITIES
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	91[illegible]	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	78[illegible]	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	54[illegible]	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	65[illegible]	6P	6P		GH	WAYDE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	115[illegible]		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK O. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			HONUS S SHAIN, JR.
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	96[illegible]	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	77[illegible]				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	120[illegible]				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	119[illegible]	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 36	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD L. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1116	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	625		7A		C	JOE M. SLAYDEN
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	6A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		7A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	666	7P	7P		C H	U.S. WEATHER BUREAU
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	WM C JARRELLS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TATHAM SPRINGS	7924	02	WASHINGTON	8	37 52	85 09	670				C	CLOSED 10/25/68
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8014	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8441	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
CLOSED STATION												
TATHAM SPRINGS	7924	02	WASHINGTON	8	37 52	85 09	670				C	CLOSED 10/25/68
NEW STATION												
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON

↕ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

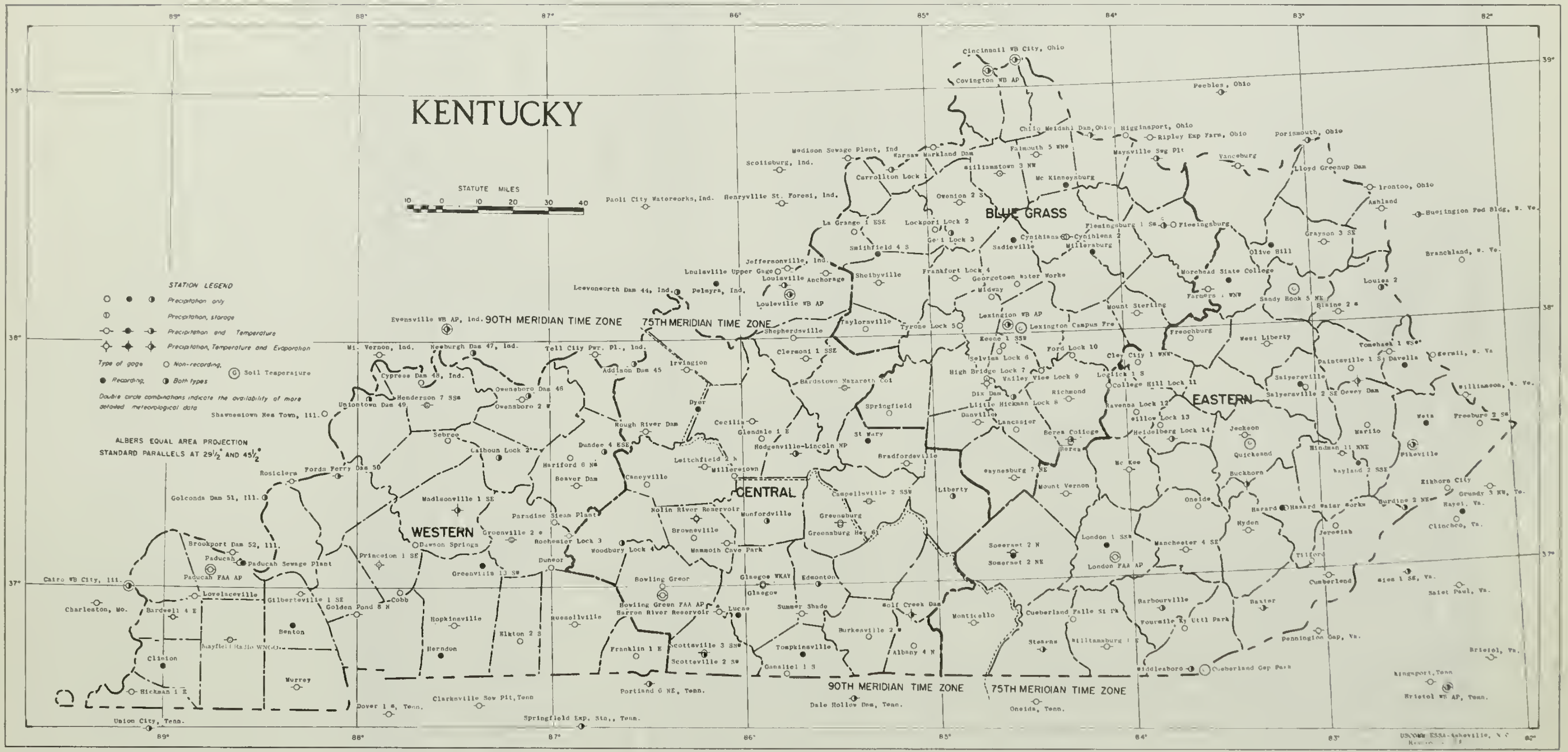
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE -2/3/69-840


KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
⌖ ✦ ◈ Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording, ● Recording, ◑ Both types
Ⓖ Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
WESTERN
CENTRAL
BLUE GRASS
EASTERN
89°
88°
87°
86°
85°
84°
83°
82°
39°
38°
37°
Cincinnati WB City, Ohio
Covington WB AP
Peebles, Ohio
Chilo Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Madison Sewage Plant, Ind
Warsaw Markland Dam
Scottsburg, Ind.
Carrollton Lock 1
Falmouth 5 WNW
Williamstown 3 NW
Maysville Swg Plt
Vanceburg
Lloyd Greenup Dam
Ironton, Ohio
Ashland
Huntington Fed Bldg, W. Va.
Mc Kinneysburg
Owenton 2 S
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
La Grange 1 ESE
Lockport Lock 2
Gest Lock 3
Smithfield 4 S
Flemingsburg 1 SW
Flemingsburg
Cynthiana
Cynthiana 2
Sadieville
Millersburg
Grayson 3 SE
Olive Hill
Branchland, W. Va.
Jeffersonville, Ind.
Louisville Upper Gage
Louisville
Anchorage
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Midway
Morehead State College
Farmers 1 WNW
Sandy Hook 5 NE
Louisa 2
Blaine 2 W
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville WB AP
Evansville WB AP, Ind.
Taylorsville
Tyrone Lock 5
Lexington WB AP
Lexington Campus Fre
Mount Sterling
Frenchburg
West Liberty
Shepherdsville
Keene 1 SSW
Ford Lock 10
Clay City 1 WNW
Tomahawk 1 WSW
Paintsville 1 S
Davella
Kermit, W. Va
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Addison Dam 45
Irvington
Clermont 1 SSE
Selvins Lock 6
High Bridge Lock 7
Valley View Lock 9
Logick 1 S
College Hill Lock 11
Salyersville
Salyersville 2 SE
Dewey Dam
Williamson, W. Va.
Cypress Dam 48, Ind.
Henderson 7 SSW
Uniontown Dam 49
Owensboro Dam 46
Owensboro 2 W
Bardstown Nazareth Col
Dix Dam
Little Hickman Lock 8
Richmond
Ravenna Lock 12
Willow Lock 13
Dyer
Springfield
Danville
Lancaster
Heidelberg Lock 14
Jackson
Quicksand
Wats
Freeburn 2 SE
Shawneetown New Town, Ill.
Rough River Dam
Cecilia
Glendale 1 E
Berea College
Berea
Marilo
Pikeville
Sebree
Calhoun Lock 2
Dundee 4 ESE
Hodgenville-Lincoln NP
St Mary
Hindman 11 NNE
Wayland 2 SSE
Rosiclare
Fords Ferry Dam 50
Hartford 6 NW
Leitchfield 2 N
Millerstown
Bradfordsville
Waynesburg 7 NE
Mc Kee
Buckhorn
Elkhorn City
Grundy 3 NW, Va.
Golconda Dam 51, Ill.
Beaver Dam
Caneyville
Campbellsville 2 SSW
Liberty
Mount Vernon
Oneida
Hazard
Hazard Water Works
Burdine 2 NE
Haysi, Va.
Madisonville 1 SE
Paradise Steam Plant
Nolin River Reservoir
Munfordville
Greensburg
Greensburg Hey 61
Hyden
Jeremiah
Clintwood, Va.
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Paducah FAA AP
Greenville 2 W
Rochester Lock 3
Brownsville
Dawson Springs
Princeton 1 SE
Woodbury Lock 4
Mammoth Cave Park
London 1 SSW
London FAA AP
Somerset 2 N
Somerset 2 NE
Manchester 4 SE
Tilford
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Cairo WB City, Ill.
Greenville 13 SW
Dunmor
Bowling Green
Glasgow WKAY
Glasgow
Edmonton
Lovelaceville
Gilbertsville 1 SE
Cobb
Golden Pond 8 N
Charleston, Mo.
Bardwell 4 E
Benton
Hopkinsville
Russellville
Bowling Green FAA AP
Barren River Reservoir
Lucas
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Baxter
Fourmile Ky Util Park
Mayfield Radio WNGO
Elkton 2 S
Burkesville 2 W
Stearns
Williamsburg 1 E
Pennington Gap, Va.
Clinton
Herndon
Franklin 1 E
Scottsville 3 SSW
Scottsville 2 SW
Tompkinsville
Albany 4 N
Middlesboro
Cumberland Gap Park
Bristol, Va.
Kingsport, Tenn
Bristol WB AP, Tenn.
Murray
Hickman 1 E
Gamaliel 1 S
Portland 6 NE, Tenn.
Dale Hollow Dam, Tenn.
Oneida, Tenn.
Dover 1 W, Tenn.
Clarksville Sew Plt, Tenn
Springfield Exp. Stn., Tenn.
Union City, Tenn.
USCOMM-ESSA-Asheville, N.C.

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
ANNUAL SUMMARY 1968
Volume 63 No. 13

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
* * * WESTERN 01																										
BARDWELL 4 E	31.6		32.6		46.4		58.7		65.4		76.1		78.3		78.1		68.2		57.5		47.0		36.6		56.4	
BEAVER DAM	31.1		31.0		47.0		58.6		65.1		74.3		76.8		77.0		67.6		57.8M		47.9		36.4		55.9M	
FORDS FERRY DAM 50	31.1		30.7		46.5		57.9		64.9		75.7		77.8		78.5		69.5		58.3		47.1		36.0		56.2	
GILBERTSVILLE 1 SE	33.1M		32.8		48.6		60.0M		66.8M		76.2M		79.1		79.3		69.8		59.3		48.5		38.0		57.6M	
GOLDEN POND 8 N	31.9M		32.0		45.5M		58.6		65.3		75.5		79.3		79.9		70.5		59.2		48.4		36.8		56.9M	
GREENVILLE 2 W	32.1	-5.0	31.0	-8.4	46.9	.2	58.1	.7	65.0M	-.6	74.4	.0	77.9M	.3	77.0M	.4	68.3	-1.8	58.1M	-1.4	47.5	.6	37.0M	-1.7	56.1M	-1.4
HENDERSON 7 SSW	31.1	-5.0	31.3	-7.3	47.2	1.1	58.1	.9	64.6	-1.6	75.6	.2	77.4	-1.2	77.7	.5	69.2	-1.5	58.5	-1.5	47.5	.9	35.5	-2.2	56.1	-1.4
HICKMAN 1 E	33.4		33.4		47.8		59.7		66.4		76.9		78.3		78.1		68.2		57.9		46.9		35.9		56.9	
HOPKINSVILLE	29.8	-7.5	30.5	-9.2	44.8	-2.1	56.9	-.9	64.2	-2.5	74.3	-1.0	77.0	-1.5	78.3	.6	68.5	-2.7	57.3	-2.7	47.2	.3	36.0	-2.8	55.4	-2.7
LOVELACEVILLE	32.4	-5.1	32.2	-8.0	45.7M	-2.1	58.4	-.1	64.5M	-2.7	75.8M	-.2	77.5	-1.5	77.7	-.6	68.4M	-3.0	58.0	-2.7	47.4	.1	36.6	-2.6	56.2M	-2.4
MADISONVILLE 1 SE	31.8		31.6		46.8M		58.8		65.2		75.2		77.3		77.5		68.3		57.8		47.1		36.3		56.1M	
MAYFIELD RADIO WMGO	34.7		34.1		M		59.9M		67.8M		78.0		79.9M		78.4M		69.3M		59.6		49.1M		38.3		-	
MURRAY	31.1	-7.3	31.9	-9.0	45.9	-2.5	58.5	-.4	64.7	-2.9	74.7	-1.3	76.9	-2.2	78.0	-.6	68.3	-3.2	57.5	-3.4	47.8	.0	36.5	-3.6	56.0	-3.0
OWENSBORO 2 W	31.0	-4.8	31.0	-7.4	46.9	1.1	58.5	1.6	64.8	-1.3	75.7	.5	78.1	-.3	78.1	1.2	69.6	-.6	58.6	-.8	47.7	1.7	36.1	-1.4	56.3	-.9
PADUCAH FAA AIRPORT	31.8		31.1		46.2		57.9		64.8		76.0		78.2		77.5		68.5		57.4		46.5		36.2		56.0	
PADUCAH	32.9		32.8		47.8		59.5		65.3		76.8		78.8		78.9		69.7		59.4		48.2		37.6		57.3	
PRINCETON 1 SE	31.8	-5.6	31.7	-8.1	47.1	-.1	59.1	1.1	65.7	-1.0	75.6	.2	77.8	-1.0	78.3	.5	69.7	-1.3	59.4	-.6	48.4	1.4	37.5	-1.3	56.8	-1.4
ROCHESTER LOCK 3	29.5		29.4		44.3		57.0		63.7		72.7		76.3		76.6		66.9		55.8		47.4		36.1		54.6	
RUSSELLVILLE	30.1	-6.7	29.7	-9.2	45.5	-.9	57.2	-.3	63.2	-3.2	73.0	-2.3	76.0	-2.3	77.6	.4	67.8	-2.7	56.7	-2.4	47.7	1.9	36.0	-2.3	55.0	-2.5
DIVISION	31.7	-5.5	31.6	-8.1	46.5	-.4	58.5	.6	65.1	-1.5	75.4	.0	77.8	-.8	78.0	.5	68.8	-2.0	58.1	-1.9	47.6	.6	36.6	-2.2	56.3	-1.7
* * * CENTRAL 02																										
ANCHORAGE	29.7	-4.7	29.1	-7.3	46.2	2.5	56.6	2.0	62.9	-.8	72.9	.5	75.5	-.4	75.5	.8	68.0	-.4	57.2	-.4	47.0	2.6	34.9	-.8	54.6	-.6
BARDSTOWN NAZARETH COL	32.0		30.4		47.7		58.6		64.7		74.2		76.7		77.0		68.6		58.4		44.8		34.2		55.6	
BARREN RIVER RESERVOIR	31.0		30.2		45.1		57.3		63.7		72.3		77.1		78.2		68.4		57.3		47.2		36.5		55.4	
BOWLING GREEN FAA AP	30.8	-7.3	31.0	-9.1	45.8	-1.6	57.3	-.8	64.8	-2.4	74.8	-1.2	77.3	-1.8	78.3	.4	68.7	-2.7	57.7	-2.3	47.0	.0	36.0	-3.1	55.8	-2.7
BRADFORDSVILLE	29.8		29.5		45.4		56.3		63.0		72.4		75.3		75.9		67.8		57.1		47.5		35.2		54.6	
CAMPBELLSVILLE 2 SSW	32.6		30.7		47.8		58.6		64.3		71.7		76.5		77.3		69.2		58.2		48.0		36.4		55.9	
CECILIA	30.0	-4.9	29.9	-7.2	45.9	1.5	57.3M	1.7	63.7	-1.1	73.1	-.4	75.8	-1.0	76.1	.7	67.1	-2.2	56.3M	-1.8	45.7M	.8	35.0M	-1.3	54.7M	-1.2
CLERMONT 1 SSE	31.2		29.4		46.3		57.7		63.5		74.1		75.6		76.8		68.3		57.7		47.1		35.2		55.2	
GLASGOW WKAY	31.5		30.3		47.0		58.7		64.6		73.5		77.0		78.0		69.1		57.2		45.8		36.6		55.8	
GREENSBURG	30.7	-6.2	29.7	-9.1	45.0	-.9	56.5	-.1	63.7	-1.9	73.1	-1.0	77.5	.1	78.1	2.0	68.6	-1.1	57.0	-1.1	47.1	1.3	35.8	-2.2	55.2	-1.7
HODGENVILLE-LINCOLN NP	31.6		30.4		47.2		58.5		63.7		73.0		76.1		75.7		67.8		M		48.6M		M		-	
IRVINGTON	30.9	-5.4	30.2	-8.2	47.0	1.2	57.1	.3	64.0	-1.8	74.1	-.3	76.9	-.8	76.6	.1	69.0	-1.1	57.5	-1.7	47.6M	1.5	35.5M	-2.2	55.5M	-1.6
LEITCHFIELD 2 N	31.9	-5.1	30.8	-8.2	47.2	.9	58.2	1.1	64.5	-1.5	73.9	-.5	77.0	-.7	77.5	.8	67.9	-2.5	57.0	-2.5	47.0	.3	35.8	-2.6	55.7	-1.7
LOUISVILLE	33.0		32.7		49.2		60.6		66.3		76.9		79.7		79.9		71.7		60.9		49.9		37.6		58.2	
LOUISVILLE WB AP	30.3	-4.7	30.1	-5.7	45.7	2.4	56.8	2.0	63.4	-1.0	74.0	.6	77.7	.1	77.9	1.7	69.0	-.5	57.4	-.5	48.0	3.3	35.7	-.6	55.5	-.2
MAMMOTH CAVE PARK	32.4		30.3		47.2		57.3		63.8		72.5		75.4		76.1		68.3		57.4		46.9M		36.6		55.4M	
NOLIN RIVER RESERVOIR	31.0		29.1		45.4		58.8		64.8		71.0		76.1		77.5		68.9		58.6		47.8		35.4		55.4	
ROUGH RIVER DAM	28.7		28.4		43.9		56.6		62.7		73.4		76.3		76.3		66.7		56.6		47.1		34.5		54.3	
SCOTTSVILLE 3 SSW	33.7		31.9		48.7		59.9		64.9		74.2		77.1		78.5		69.8		59.8		48.6		38.1		57.1	
SUMMER SHADE	33.0		30.3		47.0		58.1		63.7		72.6		76.5		76.5		66.9		56.1		46.4		36.3		55.3	
WOLF CREEK DAM	33.1		30.5		45.7		56.3		62.0		71.6		75.9		76.5		68.1		57.2		47.6		36.6		55.1	
DIVISION	31.4	-5.2	30.2	-8.5	46.5	.6	57.8	1.1	63.9	-1.7	73.3	-.9	76.6	-.8	77.2	1.0	68.5	-1.5	57.6	-1.3	47.3	1.2	35.9	-2.1	55.5	-1.5
* * * BLUE GRASS 03																										
BEREA COLLEGE	33.6	-4.0	30.5	-8.7	48.6	2.4	58.2	1.2	64.2M	-1.4	73.3	-.4	75.8	-1.1	78.2	2.3	69.7	-.1	59.3	.3	48.2	1.6	36.0	-2.8	56.3M	-.9
CARROLLTON LOCK 1	28.9		29.6		46.3		57.2		62.5		72.9		75.2		75.6		67.9		57.4		47.6		35.2		54.7	
COVINGTON WB AIRPORT	26.8	-4.8	28.1	-5.0	45.2	4.6	55.5	3.3	60.7	-1.8	72.9	1.1	75.7	.3	75.3	1.2	67.4	.2	55.9	-.2	45.6	2.9	33.7	.4	53.6	.2
CYNTHIANA 2	25.8M		25.8M		41.7M		54.1		61.7		71.2		75.0		74.6		66.8		55.6		45.9		32.9		52.6M	
DANVILLE	28.7		28.2		44.9		55.3M		62.5		71.2		75.4		75.7		67.8		57.0		46.6		33.5		53.9M	
DIX DAM	31.4		29.8		47.5		56.9M		63.1		72.6M		75.2		76.2		68.6M		57.5M		47.5M		36.0M		55.2M	
FALMOUTH 5 WNW	27.0		25.9		44.3		53.8		60.8		71.0		73.7		74.2		66.4		54.7		44.6		32.5		52.4	
FARMERS 1 WNW	30.0	-6.3	28.0	-9.8	47.3M	2.4	56.6	1.2	61.8	-2.7	71.0	-1.4	74.6	-1.1	74.9	.7	67.0	-1.1	56.7	-.3	47.0	1.9	34.8	-2.4	54.1M	-1.6
FLEMINGSBURG 1 SW	28.6		26.6		45.4		55.4		61.2		70.6		73.8		74.4		66.6		56.1		46.0		33.6		53.2	
FRANKFORT LOCK 4	27.2	-8.6	27.7	-9.7	43.0	-1.2	54.1	-.7	62.1	-2.4	71.4	-2.3	75.3	-2.0	75.8	-.2	67.4	-2.1	55.8	-2.4	45.9	.4	34.1	-2.9	53.3	-2.9
LEXINGTON WB AIRPORT	29.6	-4.9	28.0	-7.8	46.0	2.8	55.1	.7	62.1	-2.4	72.0	-1.6	75.9	-1.5	75.5	-.5	67.8	-1.5	56.6	-1.5	46.4	1.7	34.6	-1.3	54.1	-1.5
MAYSVILLE SEWAGE PLANT	27.1M	-7.7	27.4	-8.7	42.6M	-.5	55.1M	1.1	60.9	-2.7	70.6	-1.7	75.6	-.2	75.4	1.0	67.4	-.7	56.1	-1.0	46.2	1.5	33.9	-2.0	53.2M	-1.8
MOUNT STERLING	31.2		29.2		47.8		57.4		62.4		72.0		75.4		76.0		68.4		58.4		47.5		35.0		55.1	
OWENTON 2 S	27.5		26.2		44.3		55.3		60.8		70.4		74.0		74.4		67.5		56.1		45.4		33.2		52.9	
RICHMOND	28.8		28.2		45.9		55.9		62.1		71.8		75.7		75.7		68.2		57.1		46.7		34.2M		54.2M	
SHELBYVILLE	26.3	-8.7	27.0	-10.0	42.6	-1.6	54.4	-.6	60.8	-3.6	70.8	-2.4	75.0	-1.9	74.8	-.7	66.7	-3.0	55.4	-3.2	45.3	.1	33.2	-3.2	52.7	-3.2
WARSAW MARKLAND DAM	25.4	-9.1	26.7	-9.5	42.1	-1.0	53.4	-.6	60.2	-3.3	70.8	-2.0	74.8	-1.7	74.8	-.6	66.8	-2.1	55.2	-2.9	45.6	.6	32.8	-3.0	52.4	-2.9
WAYNESBURG 7 NE	31.9		29.2		46.8		56.9		62.1		71.3		74.6		74.9		67.1		57.2		47.2		35.6M		54.6M	
WILLIAMSTOWN 3 NW	28.5	-5.5	28.4	-7.5	45.9	2.8	55.9	1.1	61.6	-3.1	72.7	-.8	75.2	-1.8	75.3	-.4	68.1	-1.4	57.4	-1.0	46.5	1.7	34.0	-1.5	54.1	-1.5
DIVISION	28.6	-7.3	27.9	-9.6	45.2	.6	55.6	.1	61.8	-3.0	71.6	-1.8	75.0	-1.7	75.4	-.1	67.6	-1.8	56.6	-1.8	46.4	.9	34.1	-3.0	53.8	-2.4
* * * EASTERN 04																										
ASHLAND	28.0	-9.1	27.1	-11.5	43.5	-1.9	54.4	-1.9	59.9	-5.5	70.1	-3.6	74.4	-2.6	73.7M	-2.1	66.7	-3.2	55.6	-3.2	46.8	.2	33.2	-5.1	52.8M	-4.1
BARBOURVILLE	33.0M		29.5		46.1		56.1		63.1		71.2		75.2		75.6		67.3		56.5		46.0		35.2		54.6M	
BAXTER	32.6		28.4		43.9M		54.9		61.3		69.6		74.6		75.2		66.1		56.0		44.2		33.2		53.3M	
BLAINE 2 W	28.0		24.7M		42.3M		52.7M		M		69.1		72.9		73.3		64.8		54.5M		44.6		31.9M		-	
CUMBERLAND	33.4		27.1		46.0		55.3M		61.5		70.1		74.6		74.8		66.8		56.0		45.9		35.2		53.9M	
DEWEY DAM	29.0		26.1		43.8		55.7		62.0		71.5		75.9		75.6		66.7		55.3		46.1		32.6		53.4	
GRAYSON 3 SE	26.4		25.7		43.2		53.6		60.2		69.7		73.9		74.4		65.5		54.5		44.9		32.0		52.0	
HEIDELBERG LOCK 14	32.5		30.3M		47.2		57.3M		63.0		72.0		75.0		75.3		67.1		57.6		47.6		36.0		55.1M	
HINDMAN 11 NNE	30.2		26.9		44.8		55.2		61.2		69.6		74.1		74.0		66.0		53.9		45.1		32.7		52.8	
HYDEN	31.3		27.0		44.3		55.6M		61.9		70.4M		75.3M		75.9M		66.7M		54.8M		45.3M		33.2		53.5M	
JACKSON	30.5		26.7		43.9		54.9		61.7		69.8		74.5		74.7		66.5		56.5		46.4		33.2		53.3	
LONDON FAA AP	32.0		28.3		46.0		55.5		61.2		70.6		74.5		75.4		66.0		54.9		44.7		33.3		53.5	
MANCHESTER 4 SE	34.3		29.7		47.8		57.3		62.8		70.7		74.8		75.3		67.1		57.3		46.8		36.4		55.0	
MC KEE	29.0		24.9		42.4		52.8		59.8		68.3		72.3		72.8		63.7		53.7		43.8		31.4		51.2	
MIDDLESBORO	33.1		29.0		45.0M		55.2		61.9		70.5		74.2		75.3		65.6		55.8		44.7		34.1		53.7M	
MONTICELLO	35.0		30.1		48.4		58.4		63.8		72.6		75.7		76.9		68.3		58.1		47.5		37.1		56.0	
MOUNT VERNON	32.5		28.9		47.6M		57.1		63.6		72.3M		75.3		75.8		68.3		58.0M		48.0		35.8M		55.3M	
PIKEVILLE	35.3		32.5		50.5		59.5		64.4		73.5		76.7		77.2		69.4		58.8		48.7		37.1		57.0	
SOMERSET 2 N	32.8		28.9		46.4		56.7		62.7		72.3		75.1		75.6		66.7		56.6		47.4M		36.0M		54.8M	
STEARNS	32.3		27.9		46.0M		57.6		61.7		70.3		74.0		74.8M		65.4		55.1M		45.4M		34.0M		53.7M	
TOMAHAWK 1 WSW	28.5		25.7		43.0M		54.2		59.7		68.0		72.7		72.6M		63.5		53.3		43.8		31.4		51.4M	
VANCEBURG	26.0M		24.8		42.1		52.6		58.1		67.6		71.7		72.7		64.2		53.3M		44.7		30.7		50.7M	
WEST LIBERTY	28.4		25.9		44.1		53.6M		60.3		69.1		73.1		73.0		65.4		55.0		45.5		32.3		52.1M	
WILLIAMSBURG 1 E	36.7	-3.0	32.0M	-8.8	50.1	2.4	58.8	1.3	64.4	-1.9	72.8	-1.5	75.4	-1.8	76.3	.1	68.0	-2.2	59.5	.4	48.6	1.8	39.4	-.5	56.8M	-1.2
DIVISION	31.3	-6.8	27.8	-11.7	45.4	-.9	55.6	-1.1	61.7	-3.7	70.5	-2.8	74.4	-2.3	74.8	-.5	66.3	-3.1	55.9	-2.4	45.9	-.3	34.1	-4.6	53.6	-3.4

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

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Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
* * * WESTERN 01																										
BARDWELL 4 E	2.37		1.74		7.08		6.05		6.63		1.00		2.83		2.47		3.07		1.64		5.08		5.54		45.50	
BEAVER DAM	1.77		1.15		5.76		3.82		9.02		2.18		5.00		2.78		6.37		.60		4.02		3.14		45.61	
CALHOUN LOCK 2	1.54		1.77		6.49		6.02		6.28		2.97		4.99		4.82		3.45		1.06		4.30		4.00		47.69	
COBB	2.02		2.40		5.61		4.62		5.12		2.07		4.96		1.46		2.93		2.43		3.84		3.96		41.42	
DAWSON SPRINGS	1.86		2.41		7.76		-		-		-		-		-		-		-		4.58		3.44		-	
DUNDEE 4 ESE	1.99		1.41		5.16		4.64		7.04		2.70		3.52		3.91		4.92		.58		4.28		4.30		44.45	
DUNMOR	1.96		1.18		6.44		4.59		6.59		2.10		2.71		3.72		3.63		1.06		4.82		2.81		41.61	
ELKTON 2 S	2.20		1.23		6.61		7.02		5.89		2.05		3.50		1.86		3.94		2.08		4.83		2.89		44.10	
FORDS FERRY DAM 50	2.25	-2.22	1.53	-1.80	4.24	-.56	5.49	1.41	4.50	.72	3.27	-.28	5.35	2.19	2.07	-1.23	3.15	.12	1.64	-.80	3.71	.21	5.27	2.10	42.47	-.14
FRANKLIN 1 E	2.09		.93		5.98		8.04		8.20		2.67		3.48		.77		2.85		2.76		4.94		2.75		45.46	
GILBERTSVILLE 1 SE	2.25		1.93		8.25		3.95		5.64		2.35		4.16		4.27		5.65		1.99		4.57		5.10		50.11	
GOLDEN POND 8 N	2.14		2.32		5.51		5.33		6.03		2.07		.79		3.38		3.04		.64		E 3.87		3.19		E 38.31	
GREENVILLE 2 W	1.47	-3.52	1.41	-2.30	6.01	1.01	4.61	.39	7.06	2.98	2.76	-1.42	3.24	-1.13	2.41	-1.20	2.77	-.17	.93	-1.55	5.26	1.50	3.90	.03	41.83	-5.38
HARTFORD 6 NW	1.74		1.87		5.44		5.11		6.91		2.60		3.59		4.47		3.61		.90		5.25		3.58		45.07	
HENDERSON 7 SSW	2.24	-2.77	1.16	-2.35	5.00	-.13	4.01	-.48	4.40	.17	3.58	-.21	7.95	4.55	1.25	-2.15	3.69	.71	2.50	-.30	4.91	1.42	4.78	1.19	45.47	-.35
HICKMAN 1 E	2.84		E 1.87		6.60		4.35		5.20		1.97		4.82		1.40		4.15		2.84		5.75		5.58		E 47.37	
HOPKINSVILLE	1.91	-3.44	1.08	-2.93	6.46	1.38	4.98	.90	9.84	5.63	2.60	-1.51	6.08	2.15	2.29	-1.14	2.75	-.25	1.71	-.71	5.00	1.10	3.91	-.09	48.61	1.09
LOVELACEVILLE	2.22	-2.70	1.63	-2.50	7.34	2.20	6.22	1.86	5.67	1.41	2.34	-1.40	3.64	.32	3.40	.15	3.30	.22	1.65	-1.48	5.18	1.18	5.79	1.78	48.38	1.04
MADISONVILLE 1 SE	1.91		1.93		4.84		5.32		6.25		1.83		3.96		3.08		3.84		1.19		4.26		4.16		42.57	
MAYFIELD RADIO WNGO	1.38		E 2.46		E 4.02		4.51		7.37		2.26		6.21		1.47		4.91		2.33		4.83		6.10		E 47.85	
MURRAY	1.86	-3.33	2.60	-1.49	5.88	.58	4.86	.74	7.21	3.03	2.14	-1.36	4.23	.30	.51	-2.74	3.87	.78	2.10	-.77	5.04	1.04	4.41	.31	44.71	-2.91
OWENSBORO 2 W	1.87	-2.78	1.09	-2.29	4.80	-.13	5.52	1.50	5.69	1.50	3.70	-.22	3.93	.43	2.01	-1.44	3.17	.12	1.84	-.58	4.66	1.15	5.09	1.84	43.37	-.90
OWENSBORO DAM 46	1.51	-3.07	1.24	-2.17	4.56	-.27	5.99	1.95	5.80	1.61	3.24	-.58	4.63	1.37	1.92	-1.55	3.10	.19	1.81	-.58	4.45	.99	4.86	1.70	43.11	-.41
PADUCAH FAA AIRPORT	2.14		1.90		5.00		5.26		6.28		2.54		1.95		4.21		3.57		1.41		5.51		6.06		45.83	
PADUCAH	1.58	-3.16	1.36	-2.40	5.73	.88	4.48	.22	5.84	1.44	2.79	-.99	3.67	.19	4.05	.73	3.62	.50	1.75	-1.04	5.02	1.06	5.37	1.78	45.26	-.79
PARADISE STEAM PLANT R	1.83		.89		5.06		5.20		6.91		3.27		3.57		5.33		3.98		.78		4.87		3.29		44.98	
PRINCETON 1 SE	1.97	-3.23	2.05	-1.93	6.24	1.25	4.02	-.06	6.13	2.16	2.70	-1.11	3.62	.17	2.30	-1.03	3.84	.95	1.67	-.93	4.62	.90	4.15	.25	43.31	-2.61
ROCHESTER LOCK 3	1.71		.82		5.67		4.92		6.07		4.11		5.05		2.44		3.31		1.09		4.53		3.64		43.36	
RUSSELLVILLE	3.38	-2.13	.85	-3.47	6.88	1.83	9.02	4.98	7.43	3.67	2.84	-1.06	6.07	1.76	1.84	-1.61	3.28	-.13	2.27	.02	5.14	1.26	3.30	-.85	52.30	4.27
SEBREE	2.62		E 1.19		6.10		6.22		4.50		3.70		7.09		5.26		3.36		2.83		4.17		5.44		E 52.48	
UNIONTOWN DAM 49 //	2.37	-1.76	1.61	-1.44	5.12	.74	5.54	1.48	4.45	.31	3.63	.28	4.48	.97	2.00	-1.35	2.63	-.41	1.28	-1.45	4.60	1.29	5.85	2.88	43.56	1.54
DIVISION	2.07	-2.92	1.63	-2.24	5.86	.84	5.09	.96	6.43	2.22	2.58	-1.28	4.34	.37	2.51	-.88	3.76	.70	1.67	-.94	4.79	1.00	4.66	.85	45.39	-1.32
* * * CENTRAL 02																										
ADDISON DAM 45 //	3.08	-1.58	1.31	-2.37	5.36	.56	5.71	1.84	7.78	3.43	1.71	-2.06	2.00	-1.77	1.80	-1.35	4.63	1.53	.62	-1.77	4.21	.84	4.17	.76	42.38	-1.94
ALBANY 4 N	2.98		.42		6.57		5.80		8.30		2.06		3.88		1.51		2.31		3.80		4.49		3.67		45.79	
ANCHORAGE	2.32	-1.98	1.02	-2.16	8.24	3.72	4.03	.05	6.94	2.84	1.90	-2.32	4.46	.69	2.48	-1.07	2.27	-.74	.90	-1.66	3.11	-.22	E 3.74	.44	E 41.41	-2.41
BARDSTOWN NAZARETH COL	1.69		.59		6.41		4.27		6.53		3.87		5.42		3.42		3.30		1.45		2.94		3.31		43.20	
BARREN RIVER RESERVOIR	1.77		.54		5.01		7.39		9.23		1.74		2.81		3.43		2.58		3.28		4.86		3.23		45.87	
BOWLING GREEN	.86		.78		8.21		5.18		11.86		2.41		3.14		1.65		2.15		2.51		5.16		E 3.19		E 47.10	
BOWLING GREEN FAA AP	1.91	-3.79	.69	-3.43	6.81	1.55	6.89	2.83	10.36	6.59	2.33	-1.83	3.85	-.34	2.81	-.79	1.78	-1.29	2.20	-.18	4.99	1.38	3.26	-1.08	47.88	-.38
BRADFORDSVILLE	E 2.59		.82		8.28		6.58		8.09		3.28		4.41		2.76		2.26		2.40		4.33		E 2.08		E 47.88	
BROWNSVILLE	1.52		.92		6.80		6.69		10.86		3.27		3.33		2.62		2.82		2.02		4.75		3.33		48.93	
BURKESVILLE 2 W	2.66		.34		6.64		6.69		6.73		2.60		5.45		2.00		2.62		5.06		4.92		4.20		49.91	
CAMPBELLSVILLE 2 SSW	1.36		.52		7.22		6.78		9.76		1.65		4.35		1.85		2.50		2.16		4.51		2.64		45.30	
CANEYVILLE	2.24		1.43		6.78		5.61		6.98		4.94		4.96		2.67		3.46		1.61		5.27		3.45		49.40	
CECILIA	1.55	-3.61	.21	-3.65	6.39	1.61	4.72	.50	7.35	3.22	3.77	-.59	2.57	-1.55	2.55	-1.09	1.73	-1.01	1.36	-1.18	3.97	.41	3.47	-.29	39.64	-7.23
CLERMONT 1 SSE	1.86		.90		6.99		4.59		6.33		3.33		6.93		4.44		2.68		.83		3.36		3.05		45.29	
EDMONTON	1.70		.48		5.52		7.35		7.78		2.06		3.47		2.17		2.16		3.99		3.91		3.23		43.82	
GAMALIEL 1 S	2.95		.66		5.90		4.48		7.64		4.11		2.08		2.72		2.20		5.59		4.90		4.11		47.34	
GLASGOW	E 2.20		.61		6.43		7.73		9.04		2.43		3.24		2.21		3.73		3.23		5.31		3.50		E 49.66	
GLASGOW WKAY	1.40		.63		6.64		7.33		10.28		2.04		3.53		2.25		3.01		3.15		5.20		3.20		48.66	
GLENDALE 1 E	1.67		.95		6.08		5.52		6.12		4.73		5.07		3.69		2.13		1.44		3.69		3.07		44.16	
GREENSBURG	1.60	-3.75	.31	-3.66	6.70	1.46	6.66	2.79	11.27	6.99	1.33	-3.50	3.35	-1.12	3.55	-.31	2.93	-.25	1.64	-.74	4.29	.73	2.82	-1.14	46.45	-2.50
GREENSBURG HIWAY 61	1.62		.32		6.88		7.12		9.91		1.48		3.68		3.63		3.37		1.59		4.14		2.84		46.58	
HODGENVILLE-LINCOLN NP	1.22		.62		6.33		5.93		5.98		3.96		2.96		2.06		2.44		3.04		4.54		2.68		41.76	
IRVINGTON	1.60	-2.86	.25	-3.35	4.45	-.17	4.60	.69	6.17	2.06	1.85	-2.57	4.20	.66	2.68	-.46	3.76	.92	.68	-1.73	E 4.71	1.29	4.04	.60	E 38.99	-4.92
LEITCHFIELD 2 N	1.53	-3.80	.80	-3.19	5.92	.85	4.50	.32	6.85	2.73	4.30	-.20	2.49	-1.62	2.81	-.57	2.37	-.60	1.27	-1.38	4.08	.19	3.52	-.50	40.44	-7.77
LIBERTY	1.85		.53		6.79		6.79		8.22		1.98		4.67		2.23		3.80		3.32		4.14		3.18		47.50	
LOUISVILLE	2.15		.87		5.07		4.72		5.41		1.22		5.66		2.80		2.54		.77		3.13		3.60		37.94	
LOUISVILLE WB AP R	2.13	-1.97	.80	-2.49	6.23	1.64	3.94	.12	5.16	1.26	1.70	-2.29	3.07	-.29	3.68	.71	2.61	-.02	1.00	-1.25	3.34	.14	3.62	.40	37.28	-4.04
LOUISVILLE UPPER GAGE	2.12		.88		4.13		4.38		6.66		1.23		4.90		3.54		2.33		.80		3.21		3.98		38.16	
MAMMOTH CAVE PARK	1.47		1.06		7.33		6.80		10.54		3.04		2.73		2.99		2.22		1.64		5.01		3.36		48.19	
MILLERSTOWN	1.89		.69		5.62		4.67		7.22		3.57		3.66		1.72		3.16		1.60		3.83		3.40		41.03	
MUNFORDVILLE	1.52		.99		5.52		6.29		8.77		2.68		4.77		3.69		2.27		2.52		5.02		2.36		46.40	
NOLIN RIVER RESERVOIR	1.66		.79		6.14		5.41		9.21		2.70		5.43		1.73		2.98		1.32		4.15		3.25		44.77	
ROUGH RIVER DAM	2.41		1.10		6.23		4.08		5.83		2.55		4.56		2.34		2.50		1.03		3.48		3.63		39.74	
SCOTTSVILLE 3 SSW	2.79		.69		4.92		8.41		9.21		3.88		3.68		1.66		4.18		4.55		5.71		3.30		52.98	
SCOTTSVILLE 2 SW	2.13		.38		5.94		6.85		7.31		3.48		2.90		1.61		3.35		3.53		5.09		3.30		45.87	
SHEPHERDSVILLE	E 2.23		1.11		E 4.70		4.09		E 5.35		E 3.77		E 5.38		6.27		2.13		.68		2.57		3.56		E 41.84	
SUMMER SHADE	1.85		.05		6.56		6.53		8.15		2.54		3.19		4.90		2.49		3.95		4.58		3.31		48.10	
WOLF CREEK DAM	2.52		.45		5.35		5.84		7.65		1.96		3.14		3.32		4.07		3.87		4.73		3.89		46.79	
WOODBURY LOCK 4	1.37	-3.80	.75	-3.18	6.17	1.29	5.58	1.52	7.45	3.60	3.82	-.27	3.35	-.77	2.16	-1.56	3.64	.27	1.67	-.82	4.26	.50	2.78	-1.00	43.00	-4.22
DIVISION	1.88	-3.24	.65	-3.19	6.34	1.35	5.71	1.68	7.92	3.93	2.62	-1.70	3.94	-.21	2.88	-.66	2.72	-.31	2.02	-.45	4.24	.66	3.29	-.56	44.21	-2.70
* * * BLUE GRASS 03																										
BEREA COLLEGE	1.19	-3.77	.35	-3.41	7.46	2.82	5.36	1.28	6.06	2.27	1.62	-3.22	5.16	.00	4.55	.43	1.43	-1.39	2.52	.35	3.85	.56	2.76	-.82	42.31	-4.90
BEREA	1.89		.47		6.68		6.48		5.84		1.56		5.67		5.04		1.39		2.47		3.71		2.83		44.03	
CARROLLTON LOCK 1	1.54	-2.30	.45	-2.56	4.82	.66	3.91	.33	6.10	2.60	2.03	-2.11	4.98	1.38	3.20	-.27	1.82	-1.01	1.21	-1.14	3.15	.08	4.12	1.51	37.33	-2.83
COVINGTON WB AIRPORT R	1.79	-1.77	.64	-2.27	4.24	.45	3.47	.25	9.48	5.89	2.43	-1.46	7.50	3.89	2.26	-.34	2.16	-.67	1.35	-.91	3.21	.20	4.01	1.26	42.54	4.52
CYNTHIANA	1.85	-2.30	.80	-2.42	6.50	1.95	5.47	1.68	8.66	5.22	1.79	-2.13	6.61	2.81	5.91	2.58	1.60	-1.13	2.02	-.04	2.97	-.27	2.80	-.23	46.98	5.72
CYNTHIANA 2	E 2.59		E .79		E 5.67		5.26		9.16		2.61		6.59		6.71		1.60		1.85		2.70		2.74		E 48.27	
DANVILLE	1.64	-3.46	.21	-3.77	7.03	2.07	6.57	2.59	7.24	3.28	3.15	-1.54	4.33	-.28	4.94	1.00	2.45	-.62	2.22	.08	3.67	.35	2.59	-.95	46.04	-1.25
DIX DAM	1.68		.42		5.66		4.28		6.71		4.73		4.25		4.55		2.75		1.56		3.39		2.58		42.56	
FALMOUTH 5 WNW	1.66	-2.23	.41	-2.84	5.38	.85	5.68	1.74	8.63	4.75	1.65	-2.78	6.10	1.84	5.40	2.39	2.70	-.21	1.38	-.85	3.28	-.15	3.05	.01	45.32	2.52
FARMERS 1 WNW	1.93	-2.52	.70	-2.93	5.74	1.11	4.34	.47	7.13	3.07	4.57	.08	1.94	-2.85	7.63	3.52	1.68	-1.40	2.79	.53	3.15	-.06	2.09	-1.14	43.69	-2.12
FLEMINGSBURG	2.26	-2.26	.74	-2.59	5.82	.98	3.70	-.23	8.94	4.90	3.48	-.86	9.15	4.51	4.49	.56	1.47	-1.80	2.27	.14	3.04	-.36	2.45	-.91	47.81	2.08
FLEMINGSBURG 1 SW	2.08		.63		5.88		3.64		8.64		2.91		8.37		4.47		1.37		2.12		2.95		2.45		45.51	
FORD LOCK 10	2.67	-1.74	.60	-2.95	5.82	1.56	4.47	.81	6.49	2.70	3.87	-.63	3.48	-1.70	4.52	.68	2.33	-.51	2.28	.24	3.26	.12	2.28	-1.03	42.07	-2.45
FRANKFORT LOCK 4	1.59	-2.73	.58	-2.64	5.46	.98	E 4.42	.40	6.05	2.12	2.98	-1.09	6.93	2.43	3.11	-.33	2.83	.12	1.88	-.49	2.44	-.94	2.50	-.61	E 40.77	-2.78
GEORGETOWN WATER WORKS	2.10		.68		6.61		4.48		5.75		3.90		2.50		4.13		2.18		2.54		3.01		2.63		40.51	
GEST LOCK 3	2.04	-1.98	.65	-2.44	5.72	1.31	5.39	1.52	6.64	3.03	2.55	-1.60	4.34	-.01	2.76	-.53	2.75	-.17	1.11	-1.06	2.91	-.27	2.59	-.33	39.45	-2.53
HIGH BRIDGE LOCK 7	2.32	-2.47	.69	-3.05	6.31	1.76	4.70	.85	5.47	1.77	4.36	-.32	3.33	-1.14	5.35	1.88	4.38	1.32	.87	-1.27	3.85	.53	2.92	-.43	44.55	-.57
KEENE 1 SSW	2.39		.15		6.57		3.90		7.74		4.77		8.93		5.45		2.59		2.21		3.58		2.72		51.00	

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
LA GRANGE 1 ESE	2.80		1.28		E 6.35		4.96		6.70		1.39		5.36		5.05		3.48		.94		4.21		3.85		E 46.37	
LANCASTER	2.10	-3.13	.57	-3.64	6.41	1.20	6.68	2.88	7.24	3.19	2.85	-1.87	6.74	1.43	4.81	.97	1.85	-1.06	2.77	.56	3.84	.24	3.23	-.56	49.09	.21
LEXINGTON WB AIRPORT R	1.44	-3.50	.71	-2.71	6.76	2.01	3.23	-.81	6.87	3.02	2.83	-1.89	4.54	.56	5.27	2.06	2.98	.18	2.57	.29	3.23	-.06	2.89	-.56	43.32	-1.41
LITTLE HICKMAN LOCK 8	1.79	-3.04	.52	-3.34	6.32	1.58	4.95	1.23	8.01	4.24	1.94	-2.79	3.33	-1.33	5.82	1.87	2.22	-.62	2.64	.63	3.39	.18	2.44	-.98	43.37	-2.37
LOCKPORT LOCK 2	E 2.08	-2.41	.64	-2.81	6.45	1.78	5.87	1.57	8.07	4.05	4.24	-.23	3.02	-1.00	4.80	1.53	2.67	-.33	1.21	-1.22	3.16	-.31	3.53	.26	E 45.74	.88
MAYSVILLE SEWAGE PLANT	1.50	-2.67	.48	-2.91	4.14	-.34	4.96	1.18	8.41	4.71	2.25	-1.93	6.70	2.23	5.13	1.09	2.80	-.32	1.75	-.59	3.08	-.06	2.70	-.49	43.90	-.10
MIDWAY	1.82		.76		5.57		4.15		5.80		3.59		3.14		5.37		1.80		3.17		3.22		2.71		41.10	
MOUNT STERLING	1.95	-2.94	.68	-3.00	6.78	1.93	3.77	-.37	6.93	2.96	3.70	-.83	3.05	-2.08	5.87	2.32	1.81	-1.17	2.67	.42	E 2.99	-.11	E 2.45	-1.13	E 42.65	-4.00
OWENTON 2 S	1.91		.87		5.86		5.45		7.52		1.71		5.68		3.59		3.06		1.28		3.75		3.60		44.28	
RICHMOND	1.94		.50		6.95		5.80		7.53		2.23		6.31		5.15		2.40		2.40		3.89		2.48		47.58	
SALVISA LOCK 6	1.92	-3.22	.80	-3.04	7.15	2.17	4.11	.12	7.95	4.17	3.18	-1.26	6.29	2.11	5.67	1.59	2.56	-.73	2.77	.45	4.23	.70	3.46	-.02	50.09	3.04
SHELBYVILLE	2.04	-2.64	.87	-2.67	6.00	.88	4.92	.73	6.35	2.34	1.71	-2.73	5.12	1.23	5.17	1.55	3.96	1.01	1.09	-1.40	3.42	-.22	3.00	-.46	43.65	-2.38
SPRINGFIELD	1.25		.53		8.74		5.48		5.30		4.19		5.94		5.08		1.37		1.86		3.91		2.89		46.54	
TAYLORSVILLE	1.63		.68		5.32		4.70		5.49		4.21		6.15		2.02		3.72		1.38		3.38		2.88		41.56	
TYRONE LOCK 5	1.85	-2.86	.67	-2.93	6.26	1.47	4.57	.47	7.88	4.24	2.77	-1.44	5.06	.88	4.39	.60	2.97	-.05	2.09	-.29	3.38	-.13	2.50	-.99	44.39	-1.03
VALLEY VIEW LOCK 9	1.60	-3.06	.51	-3.28	6.05	1.59	5.24	1.71	6.92	3.25	2.24	-2.25	4.88	-.32	5.34	1.06	2.26	-.85	1.77	-.23	3.32	.03	2.42	-.98	42.55	-3.33
WARSAW MARKLAND DAM	1.63	-2.37	.65	-2.63	5.29	.89	2.95	-.93	8.85	5.21	3.39	-.78	3.36	-.52	5.36	1.98	2.23	-.64	1.24	-1.04	4.32	1.29	5.07	2.18	44.34	2.64
WAYNESBURG 7 NE	1.87		.52		6.61		6.95		7.23		2.38		6.34		2.39		1.97		3.70		3.74		3.17		46.87	
WILLIAMSTOWN 3 NW	1.45	-2.66	.55	-2.84	6.49	1.90	4.24	.24	6.98	3.02	.87	-3.38	8.96	4.94	2.68	-.55	2.0[illegible]	-1.02	1.29	-1.08	2.83	-.45	3.80	.79	42.23	-1.09
DIVISION	1.76	-2.87	.58	-2.98	5.91	1.28	4.69	.79	7.47	3.58	2.62	-1.82	5.59	.99	4.60	.93	2.32	-.62	1.94	-.35	3.32	.05	3.06	-.30	43.86	-1.32
* * *																										
EASTERN 04																										
ASHLAND	1.98	-1.80	.47	-2.60	4.95	.80	3.43	.04	6.27	2.32	3.03	-.83	3.98	-.06	7.22	3.90	1.73	-1.08	3.59	1.69	2.93	.23	E 2.84	.01	E 42.42	2.62
BARBOURVILLE	3.43		.41		6.29		6.33		6.95		2.61		4.79		2.32		2.62		2.37		2.57		3.21		43.90	
BAXTER	2.98		.66		4.30		5.91		4.23		1.88		5.05		3.11		2.04		2.96		2.35		3.17		38.64	
BLAINE 2 W	1.32		.48		5.86		4.00		5.44		2.78		5.45		5.67		1.22		4.71		2.70		E 2.37		E 42.00	
BUCKHORN	1.91		.57		5.44		6.14		4.56		3.21		4.64		4.01		2.03		3.00		1.75		2.79		40.05	
BURDINE 2 NE	2.83		.45		3.80		3.83		4.95		E 2.61		4.18		5.04		1.18		3.30		1.68		2.65		E 36.50	
CLAY CITY 1 WNW	1.71		.21		6.33		5.23		5.95		2.25		3.72		7.20		2.15		2.80		3.95		3.25		44.75	
COLLEGE HILL LOCK 11	1.45	-2.98	.41	-3.18	6.05	1.64	5.65	2.04	7.07	3.44	2.13	-2.09	4.51	-.65	5.24	1.33	1.77	-.98	2.58	.60	3.36	.17	2.30	-1.03	42.52	-1.69
CUMBERLAND	3.22		.89		5.41		4.71		4.69		2.34		3.37		3.10		1.29		2.99		2.39		3.61		38.01	
CUMBERLAND FALLS ST PK	3.03		.44		6.78		4.15		7.56		3.86		6.60		1.76		1.97		2.41		1.99		E 1.55		E 42.10	
DEWEY DAM	1.64		.52		5.09		3.71		4.88		2.78		7.66		5.82		.92		4.03		1.89		2.62		41.56	
FOURMILE KY UTIL PARK	3.67		.55		6.18		5.57		5.25		3.17		4.33		1.78		2.08		2.71		1.88		2.81		39.98	
FREEBURN 2 SW	2.29		.55		3.88		4.11		6.66		3.91		3.44		4.24		2.09		2.11		2.80		2.51		38.59	
FRENCHBURG	1.91		E .24		7.05		5.47		5.70		1.99		E 3.65		E 5.89		E 1.41		3.02		2.29		3.50		E 42.12	
GRAYSON 3 SE	1.69		.60		5.88		3.69		5.81		2.32		4.97		5.2[illegible]		1.76		2.4[illegible]		2.73		2.14		39.28	
HAZARD WATER WORKS	2.38		.54		5.68		5.07		4.59		2.94		7.26		5.27		1.53		3.26		2.58		3.19		44.22	
HEIDELBERG LOCK 14 R	1.44	-3.13	.54	-3.46	7.08	2.37	3.56	-.11	4.35	.66	1.68	-2.71	4.94	-.20	6.27	2.26	1.99	-.79	4.39	2.36	2.47	-.84	2.60	-.68	41.31	-4.27
HINDMAN 11 NNE	1.42		.53		3.55		4.97		4.55		3.17		2.39		5.54		1.61		3.26		2.39		3.17		36.55	
HYDEN	2.46		.76		5.96		4.73		5.01		2.14		3.32		5.63		1.23		3.05		2.22		3.14		39.65	
JACKSON	E 1.56		.65		5.71		4.75		4.76		2.32		5.61		8.96		2.02		3.30		1.59		E 3.09		E 44.32	
JEREMIAH	.95		.61		E 3.41		1.24		1.00		.15		2.45		.70		.35		.79		.99		1.87		E 14.51	
LLOYD GREENUP DAM	2.66	-1.07	.72	-2.35	5.30	1.18	2.57	-1.16	7.27	3.39	3.47	-.67	2.62	-1.74	4.21	.67	1.51	-1.48	1.91	-.33	2.71	.05	2.06	-.76	37.01	-4.27
LONDON FAA AP	1.95		.65		6.66		4.98		5.22		1.76		3.65		4.40		2.06		3.78		2.38		3.23		40.72	
LOUISA 2	1.55		.47		5.51		3.87		6.58		2.91		3.4[illegible]		4.04		1.48		4.01		2.11		2.32		38.25	
MANCHESTER 4 SE	2.52		.67		6.10		5.97		7.21		2.12		4.1[illegible]		5.09		2.28		2.82		1.90		2.95		43.73	
MARTIN	1.95		.18		4.57		4.87		6.47		2.55		7.13		6.22		1.56		3.32		2.02		2.31		43.15	
MC KEE	1.99		.82		7.13		4.77		8.34		3.93		2.97		3.23		2.49		4.59		2.72		3.82		46.80	
MIDDLESBORO	3.79		.53		4.65		5.02		4.70		2.91		6.03		3.25		2.40		2.77		1.86		3.29		41.20	
MONTICELLO	2.76		.38		7.07		5.15		7.85		2.33		2.62		2.69		2.60		3.04		3.95		3.64		44.08	
MOUNT VERNON	2.04		1.54		7.52		4.87		7.67		3.10		5.35		2.82		2.42		5.09		4.62		E 3.83		E 50.87	
ONEIDA	2.16		.81		6.49		6.46		E 4.73		2.33		2.51		5.77		1.80		3.10		1.82		2.54		E 40.52	
PAINTSVILLE 1 S	1.33		.40		5.73		5.10		4.69		3.31		6.40		4.61		2.23		4.49		1.95		3.06		43.30	
PIKEVILLE	1.4[illegible]	-2.29	.75	-3.05	4.12	-.40	3.38	-.27	4.99	.98	4.40	.00	4.31	-.88	4.76	.81	1.54	-1.50	3.11	1.02	2.53	-.10	2.58	-.59	37.95	-6.27
RAVENNA LOCK 12	1.42	-2.90	.53	-2.92	6.42	2.01	5.39	1.61	7.53	3.93	2.50	-1.66	4.66	-.60	6.76	2.52	1.98	-.93	3.09	1.15	3.25	-.01	2.69	-.34	46.22	1.86
SALYERSVILLE 2 SE	1.4[illegible]		.42		5.51		4.55		4.15		2.55		4.90		4.47		1.43		4.01		1.82		2.82		38.09	
SOMERSET 2 N	1.75		.39		6.61		4.93		8.49		2.95		3.82		3.49		3.01		5.59		E 4.20		4.98		E 50.21	
STEARNS	3.6[illegible]		.76		6.55		5.31		6.78		2.87		3.75		1.77		2.87		2.47		2.24		3.07		42.10	
TILFORD	3.54		E .50		5.10		3.66		5.24		2.64		7.49		3.26		1.47		1.13		1.93		E 2.06		E 38.02	
TOMAHAWK 1 WSW	1.56		.63		5.54		5.23		5.39		4.22		5.94		2.87		2.40		4.27		1.78		3.31		43.14	
VANCEBURG	E 2.34	-1.77	E .44	-2.96	E 5.55	1.08	.51	-3.18	7.99	3.90	1.30	-3.00	7.09	2.53	2.30	-1.39	2.49	-.21	1.89	-.39	E 2.78	-.30	2.78	-.33	E 37.46	-6.02
WEST LIBERTY	1.82		.54		6.50		6.26		4.96		2.85		3.74		4.32		2.23		4.74		2.82		2.28		43.06	
WILLIAMSBURG 1 E	3.81	-.85	.88	-3.54	6.23	1.44	5.12	1.18	4.50	.47	2.29	-1.63	7.3[illegible]	2.48	3.02	-.75	3.11	.42	3.11	.76	2.61	-.82	2.61	-1.23	44.67	-2.07
WILLOW LOCK 13	1.34	-3.56	.62	-3.64	6.85	1.93	3.41	-.28	4.98	1.13	1.55	-2.88	4.9[illegible]	-.04	5.79	1.59	1.85	-.99	3.5[illegible]	1.47	3.18	-.27	2.73	-.80	40.85	-6.34
DIVISION	2.28	-2.22	.65	-3.38	5.85	1.15	4.64	.89	5.88	1.90	2.67	-1.60	4.6[illegible]	-.08	4.29	.49	2.10	-.71	3.52	1.24	2.61	-.6[illegible]	3.10	-.53	42.27	-3.45

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

A SPECIAL WEATHER SUMMARY DESCRIBING UNUSUAL WEATHER IN 1968 WAS INCLUDED IN ALL MONTHS EXCEPT THE JULY, SEPTEMBER, AND DECEMBER ISSUES OF THIS PUBLICATION.

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

KENTUCKY
1968

Station	Highest	Date	Lowest	Date	Last spring minimum of 16° or below: Date	Temp.	20° or below: Date	Temp.	24° or below: Date	Temp.	28° or below: Date	Temp.	32° or below: Date	Temp.	First fall minimum of 32° or below: Date	Temp.	28° or below: Date	Temp.	24° or below: Date	Temp.	20° or below: Date	Temp.	16° or below: Date	Temp.	Number of days between dates: 16° or below	20° or below	24° or below	28° or below	32° or below
* * *																													
WESTERN 01																													
BARDWELL 4 E	98	8-23	0	1- 7+	3-23	16	3-23	16	3-24	22	3-24	22	3-25	32	10- 5	31	10-26	26	10-29	23	11-13	19	11-20	16	242	235	219	216	194
BEAVER DAM	96	8-23	- 5	1- 8	3-23	14	3-24	18	3-24	18	3-25	26	5- 6	32	10- 4	32	10- 5	27	10-26	22	11-13	17	12- 9	14	261	234	216	194	151
FORDS FERRY DAM 50	96	8-24+	- 3	1- 7	2-24	15	3-13	19	3-24	24	3-24	24	3-25	32	10-26	28	10-26	28	11-13	22	12- 8	19	12-14	15	294	270	234	216	215
GILBERTSVILLE 1 SE	97	6-30	0	1- 7	3-23	15	3-24	19	3-24	19	3-24	19	3-24	19	10-26	28	10-26	28	11-13	19	11-13	19	12- 8	16	260	234	234	216	216
GOLDEN POND 8 N	98	7-23	1	1- 1	2-24	16	3-24	19	3-24	19	3-24	19	3-25	29	10-26	32	11-13	24	11-13	24	12- 8	18	12-15	14	295	259	234	234	215
GREENVILLE 2 W	95	8-23+	- 4	1- 1	3-24	15	3-24	15	3-24	15	3-25	28	4-25	32	10- 5	28	10- 5	28	10-26	23	11-13	18	12- 8	14	259	234	216	194	163
HENDERSON 7 SSW	96	8-24+	- 5	1- 8	3-13	16	3-23	17	3-24	24	3-24	24	3-25	32	10- 5	32	11-11	28	11-13	22	12- 8	17	12-14	16	276	260	234	232	194
HICKMAN 1 E	99	8-23	1	1- 1	3- 4	15	3-24	17	3-24	17	3-24	17	4- 6	30	10- 5	32	10-26	28	11-10	23	11-13	18	12- 8	16	279	234	231	216	182
HOPKINSVILLE	98	8-25+	- 2	1- 1	3-24	14	3-25	18	3-25	18	3-25	18	3-26	29	10-25	30	10-26	26	10-27	24	11-13	20	12- 8	15	259	233	216	215	213
LOVELACEVILLE	96	8-23+	0	1- 7+	3-23	15	3-24	20	3-24	20	3-24	20	4-25	32	10- 5	32	10-26	26	10-29	24	11-13	18	12- 8	15	260	234	219	216	163
MADISONVILLE 1 SE	96	8-24+	- 2	1- 1	3-23	15	3-23	15	3-24	22	3-25	28	3-25	28	10- 5	29	10-26	25	11-13	17	11-13	17	12- 8	15	260	235	234	215	194
MAYFIELD RADIO WNGO		-	1	1- 8	3-24	16	3-24	16	3-24	16	3-24	16	4-25	31	10- 5	30	10-26	27	11-11	24	11-13	18	12- 8	14	259	234	232	216	163
MURRAY	96	8-24	2	1- 7	2-23	13	3-24	20	3-24	20	3-24	20	3-25	29	10-26	30	11-10	27	11-13	21	12- 8	11	12- 8	11	289	259	234	231	215
OWENSBORO 2 W	97	8-21	- 5	1- 8	3-23	13	3-24	20	3-24	20	3-24	20	3-25	31	10- 5	30	10-26	25	11-13	21	12- 7	20	12-15	15	267	258	234	216	194
PADUCAH FAA AIRPORT	95	7-21+	- 2	1- 1	3- 1	16	3-23	20	3-23	20	3-24	25	3-24	25	10-25	32	10-26	28	11-13	20	11-13	20	12-15	13	289	235	235	216	215
PADUCAH	95	8-24+	- 1	1- 7	3- 4	15	3-13	19	3-24	23	3-24	23	3-24	23	10-26	29	11-13	21	11-13	21	12- 8	19	12-14	16	285	270	234	234	216
PRINCETON 1 SE	97	8-24+	- 2	1- 1	3-24	10	3-24	10	3-24	10	3-24	10	3-25	30	10- 5	30	10-26	24	10-26	24	11-13	17	12- 8	14	259	234	216	216	194
ROCHESTER LOCK 3	95	8-25+	- 4	1- 1	3- 4	16	3-23	20	3-24	22	3-25	26	3-26	30	10- 5	31	10-26	27	11-13	21	12- 7	20	12- 9	15	280	259	234	215	193
RUSSELLVILLE	98	8-24	- 1	1- 8	3-23	15	3-24	19	3-24	19	3-25	25	5- 6	31	10- 5	29	10-26	23	10-26	23	11-13	18	12- 9	14	261	234	216	215	152
* * *																													
CENTRAL 02																													
ANCHORAGE	93	8-24+	- 9	1- 1	3-13	16	3-14	17	3-24	21	3-25	27	3-25	27	10- 5	31	10-26	28	11-10	24	12- 6	20	12- 9	14	271	267	231	215	194
BARDSTOWN NAZARETH COL	95	8-24+	- 4	1- 1	3- 4	15	3-14	19	3-24	23	3-25	27	3-25	27	10- 5	30	11-10	23	11-10	23	12- 7	18	12- 9	14	280	268	231	230	194
BARREN RIVER RESERVOIR	100	8-24	2	1- 8	3-23	15	3-24	19	3-25	22	3-25	22	3-26	32	10- 6	32	10-26	26	11-10	23	11-13	20	12- 9	15	261	234	230	215	194
BOWLING GREEN FAA AP	98	8-23+	1	1- 8	3-24	16	3-24	16	3-24	16	3-25	25	3-26	32	10- 5	31	10-26	28	11-13	22	12- 8	19	12-31	12	282	259	234	215	193
BRADFORDSVILLE	97	8-23+	- 5	1- 8	3-14	16	3-24	18	3-25	21	4-25	28	5- 6	30	10- 4	31	10- 5	27	10-26	23	11-10	20	12- 7	14	268	231	215	163	151
CAMPBELLSVILLE 2 SSW	96	8-20	0	1- 8	2-26	13	3-24	20	3-24	20	3-25	26	3-25	26	10- 5	30	10- 6	28	11-13	22	12- 8	19	12- 9	13	287	259	234	195	194
CECILIA	96	8-23	- 5	1- 1	3-23	15	3-24	18	3-24	18	3-25	25	5- 6	32	10- 4	32	10-23	27	10-25	21	11-10	20	12- 9	13	261	231	215	212	151
CLERMONT 1 SSE	98	8-20	- 8	1- 8	3-14	15	3-24	20	3-25	23	3-25	23	4-25	32	10- 4	31	10- 5	28	11-10	22	11-13	19	12- 7	14	268	234	230	194	162
GLASGOW WKAY	97	8-24	0	1- 8+	3-23	16	3-24	19	3-25	24	3-25	24	3-25	24	10- 5	31	10-26	23	10-26	23	11-13	18	12- 9	14	261	234	215	215	194
GREENSBURG	98	8-25+	2	1- 9+	3- 5	13	3-14	20	3-25	23	3-26	26	3-27	30	10- 5	31	10-26	26	11-10	23	12- 7	20	12- 9	15	279	268	230	214	192
HODGENVILLE-LINCOLN NP	97	8-24+	- 4	1- 8	3- 4	13	3-25	19	3-25	19	3-25	19	5- 6	32	10- 4	30	10- 5	26	10-26	24	11-13	20	12-11	13	282	233	215	194	151
IRVINGTON	95	8-23	- 4	1- 1	3-13	16	3-24	20	3-24	2[illegible]	3-25	28	3-25	28	10- 5	27	10- 5	27	10-26	21	11-13	18	12- 7	14	269	234	216	194	194
LEITCHFIELD 2 N	97	8-23+	- 2	1- 8+	3-23	16	3-24	20	3-24	20	3-25	28	3-25	28	10- 5	28	10- 5	28	10-26	23	12- 6	20	12- 7	15	259	257	216	194	194
LOUISVILLE	99	8-24+	- 3	1- 1	2-23	12	3-13	19	3-24	24	3-24	24	3-25	32	11- 9	32	11-21	28	12- 6	20	12- 8	20	NONE			270	259	242	229
LOUISVILLE WB AP	96	8-24	- 2	1- 1	2-26	15	3-13	20	3-14	22	3-24	25	3-25	30	10-26	29	11-13	26	11-21	23	12- 7	20	12-17	16	295	269	252	234	215
MAMMOTH CAVE PARK	95	8-25+	- 3	1- 8	3-24	15	3-24	15	3-25	24	3-25	24	5- 6	30	10- 4	32	10-26	21	10-26	21	11-13	18	12- 9	11	260	234	215	215	151
NOLIN RIVER RESERVOIR	97	8-25+	0	1- 9+	3- 4	14	3-24	20	3-24	20	3-26	26	3-26	26	10- 5	32	10-26	25	11-10	24	11-14	20	12- 9	13	280	235	231	214	193
ROUGH RIVER DAM	97	8- 6	- 3	1- 8	3-23	15	3-24	20	3-25	21	3-25	21	5- 6	32	10- 5	31	10-26	26	11-13	21	12- 7	11	12- 7	11	259	258	233	215	152
SCOTTSVILLE 3 SSW	98	8-24	2	1- 8	3-23	16	3-24	17	3-24	17	3-25	28	3-25	28	10-26	29	11-10	26	11-13	22	12- 8	20	12-14	16	266	259	234	230	215
SUMMER SHADE	95	8-23	2	1- 8	3-24	15	3-24	15	3-24	15	3-25	27	4-25	31	10- 4	32	10-26	23	10-26	23	11-10	20	12- 9	14	260	231	216	215	162
WOLF CREEK DAM	97	8-25+	4	2-22	3-25	16	3-25	16	3-25	16	3-25	16	4-25	30	10-26	26	10-26	26	11-13	22	11-21	20	12- 9	14	259	241	233	215	184
* * *																													
BLUE GRASS 03																													
BEREA COLLEGE	95	8-23	0	1- 8	2-26	15	3-13	19	3-24	24	3-24	24	3-25	30	10- 5	32	11-10	26	11-11	23	12- 7	18	12- 9	15	287	269	232	231	194
CARROLLTON LOCK 1	93	8-24+	-10	1- 8	3-13	16	3-14	17	3-24	23	3-24	23	4-11	31	10- 5	32	10-30	27	11-21	21	12- 6	20	12- 9	15	271	267	242	220	177
COVINGTON WB AIRPORT	94	8-24+	-10	1- 8	3-14	16	3-14	16	3-23	23	3-24	26	3-25	30	10- 5	32	10-30	25	11-20	24	12- 8	20	12-15	13	276	269	242	220	194
CYNTHIANA 2	95	8-22	-10	1- 9+	3-15	11	3-15	11	3-25	24	4-11	28	5- 7	32	10- 5	29	10-30	23	10-30	23	11-10	20	12- 7	15	267	240	219	202	151
DANVILLE	94	8-24+	- 2	1- 9+	3- 4	12	3-15	20	3-25	22	3-25	22	4- 2	32	10- 5	32	11-10	26	11-21	22	12- 8	20	12- 9	15	280	268	241	230	186
DIX DAM	96	8-10	- 2	1- 8	2-26	14	3-14	19	3-25	22	3-25	22	3-25	22	10-26	29	10-30	28	11-10	24	12- 7	19	12- 9	16	287	268	230	219	215
FALMOUTH 5 WNW	95	8-21	-18	2-21	3-14	13	3-23	20	3-25	21	5- 6	26	5- 6	26	10- 4	30	10- 5	26	10-30	21	11-10	19	11-21	16	252	232	219	152	151
FARMERS 1 WNW	94	8-21	-11	1- 8	3- 4	14	3-14	18	3-14	18	3-25	25	5- 6	31	10- 5	31	10-30	25	11-10	21	11-21	18	12- 7	14	278	252	241	219	152
FLEMINGSBURG 1 SW	93	8-21	-11	1- 8	3-14	12	3-14	12	3-24	24	3-25	27	5- 6	30	10- 5	29	10-30	26	11-10	23	11-21	19	12- 9	15	270	252	231	219	152
FRANKFORT LOCK 4	96	8-24	- 5	1- 8	2-27	12	3-15	19	3-25	23	3-26	26	4-12	32	10-26	30	10-30	27	11-10	24	12- 7	20	12- 9	14	286	267	230	218	197
LEXINGTON WB AIRPORT	93	8-23+	- 3	1- 8	2-26	16	3-14	20	3-24	23	3-24	23	3-25	29	10-26	30	11-1[illegible]	25	11-20	24	12- 9	17	12-15	11	293	270	241	231	215
MAYSVILLE SEWAGE PLANT	95	8-22+	- 5	1- 8	3- 4	16	3-15	20	3-15	2[illegible]	3-26	28	3-26	28	10-30	29	11-1[illegible]	26	12- 6	24	12- 9	17	12-11	15	282	269	266	229	218
MOUNT STERLING	94	8-21	- 4	1- 8	2-26	12	3-14	18	3-24	23	3-25	27	5- 6	32	10- 5	32	11-1[illegible]	25	11-13	24	12- 7	13	12- 7	13	285	268	234	230	152
OWENTON 2 S	94	8-24+	-16	1- 8	3-14	11	3-25	20	3-25	20	4-11	26	5- 6	29	10- 4	30	10- 5	28	10-30	23	11-10	20	11-21	16	252	230	219	177	151
RICHMOND	95	8-24+	- 2	2-22	3- 4	16	3-14	20	3-24	21	3-25	28	5- 6	31	10-26	28	10-26	28	11-13	22	12- 6	19	12- 9	14	280	267	234	215	173
SHELBYVILLE	96	8-23	- 6	1- 8	3-14	16	3-24	17	3-25	21	3-26	28	3-26	28	10- 5	32	10-26	28	11-13	21	12- 7	20	12- 9	14	270	258	233	214	193
WARSAW MARKLAND DAM	95	7-18	-10	1- 9+	3-15	16	3-15	16	3-24	24	3-26	28	4-16	32	10-26	31	10-30	27	11-11	24	11-21	20	12- 8	14	268	251	232	218	193
WAYNESBURG 7 NE	94	8-23	- 3	1- 8	3- 4	11	3-24	19	3-25	24	3-25	24	3-25	24	10- 5	31	10-26	27	11-13	22	11-21	20	12- 9	16	280	242	233	215	194
WILLIAMSTOWN 3 NW	93	8-21	- 8	1- 8	3-13	15	3-14	19	3-24	21	3-25	28	3-25	28	10-30	31	11-10	24	11-10	24	12- 6	20	12- 9	16	271	267	231	230	219
* * *																													
EASTERN 04																													
ASHLAND	95	8-22	- 5	1- 9+	3-14	16	3-15	17	3-26	24	5- 7	28	5- 8	30	10-27	31	11- 9	28	11-11	24	11-21	19	12- 7	16	268	251	230	186	172
BARBOURVILLE	97	7- 2	1	2-23+	3- 5	13	3-15	19	3-26	24	3-27	25	4-17	32	10- 5	30	10-27	28	10-30	24	11-21	18	12- 9	12	279	251	218	214	171
BAXTER	95	8-24+	1	2-23+	3- 5	13	3-15	18	3-26	23	4- 3	28	5- 7	31	10- 5	31	10-27	26	11-11	24	11-21	16	11-21	16	261	251	230	207	151
BLAINE 2 W	95	8-22	- 8	1- 9	3-15	12	3-26	20	4- 3	24	4-17	28	-		10- 5	28	10- 5	28	11-11	23	11-21	17	12- 7	12	267	240	222	171	-
CUMBERLAND	98	8-22	- 5	2-22	3-14	11	3-25	19	3-26	24	5- 7	27	5- 7	27	10- 5	28	10- 5	28	10-27	24	11-21	14	11-21	14	252	241	215	151	151
DEWEY DAM	97	8-25+	- 1	2-23+	3-15	15	3-15	15	3-26	22	4- 3	28	5- 8	31	10-27	28	10-27	28	11-21	19	11-21	19	12- 9	12	269	251	240	207	172
GRAYSON 3 SE	95	8-25+	-11	1- 8	3-14	14	3-15	17	3-25	22	5- 6	28	5- 7	30	10- 5	29	10-27	28	11-10	23	11-21	18	12- 7	14	268	251	230	174	151
HEIDELBERG LOCK 14	95	8-20	- 4	1- 8	3-14	15	3-14	15	3-25	23	4- 2	28	5- 7	31	10- 5	30	10-27	27	11-11	21	11-21	19	12- 7	16	268	252	231	208	151
HINDMAN 11 NNE	95	7-19	0	1- 8	3-15	16	3-15	16	3-26	23	4- 3	28	5- 8	31	10- 5	29	10- 6	28	11-11	22	11-21	18	12- 9	7	269	251	230	186	150
HYDEN	95	8-24+	0	2-23+	3-15	16	3-15	16	3-26	23	4-26	28	4-27	32	10- 5	32	10-27	26	11-11	22	11-21	18	12- 9	14	269	251	230	184	161
JACKSON	95	8-25+	- 1	2-23+	3- 5	11	3-15	18	3-26	24	4- 2	27	5- 8	32	10-26	32	10-30	26	11-11	22	11-21	19	12- 9	13	279	251	230	211	171
LONDON FAA AP	94	7-18	0	2-22	3- 4	13	3-14	18	3-25	24	3-25	24	5- 6	31	10- 5	28	10- 5	28	11-11	22	11-21	18	12- 8	14	279	252	231	194	152
MANCHESTER 4 SE	95	8-23	- 1	2-22	3- 5	16	3-14	17	3-25	22	4-12	27	5- 7	30	10- 5	30	10-26	27	10-30	23	11-21	18	12- 7	15	277	252	219	197	151
MC KEE	94	8-23	- 6	2-23+	3-15	14	3-15	14	3-26	24	5- 7	28	5- 8	31	10- 5	28	10- 5	28	10-30	23	11-11	18	12- [illegible]	15	266	241	218	151	150
MIDDLESBORO	95	8-23	3	2-23+	3- 5	15	3-15	17	3-26	24	3-27	27	5- 7	32	10- 5	31	10-27	26	10-30	24	11-21	17	12- 7	11	279	251	218	214	151
MONTICELLO	97	8-24+	1	2-22	3- 4	12	3-24	17	3-24	17	3-25	25	5- 6	32	10- 5	29	10-2[illegible]	24	10-2[illegible]	24	11-21	19	12- [illegible]	12	280	24[illegible]	216	215	152

See Reference Notes Following Station Index

Table 3—Continued

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
MDUNT VERNON	95	6-21	- 3	1- 8	3-13	15	3-24	20	3-25	22	3-25	22	5- 6	30	10- 5	29	10-30	25	11-10	24	12- 6	20	12- 9	11	271	257	230	219	152
PIKEVILLE	97	7- 1	4	2-22+	3- 4	16	3-14	18	3-14	18	3-25	25	5- 7	32	10- 5	32	10-27	28	11-21	22	12- 9	16	12- 9	16	280	270	252	216	151
SOMERSET 2 N	96	8-19+	- 1	2-22	3-14	16	3-14	16	3-25	21	4-16	28	5- 6	31	10- 4	32	10- 5	27	10-30	23	12- 6	16	12- 6	16	267	267	219	172	151
STEARNS	96	7-23	- 1	1- 8	3- 4	16	3-24	17	3-25	23	3-25	23	3-26	29	10-26	27	10-26	27	11-11	24	11-21	19	12- 9	12	280	242	231	215	214
TOMAHAWK 1 WSW	93	8-24	- 3	1- 8	3-14	12	3-26	20	3-26	20	5- 7	28	5- 8	29	10- 5	28	10- 5	28	11-11	22	11-14	20	11-21	16	252	233	230	151	150
VANCEBURG	95	8-21	-15	1- 8	3-14	10	3-25	19	4- 7	23	5- 7	27	5- 7	27	10- 4	32	10- 5	25	11-10	18	11-10	18	11-21	15	252	230	217	151	150
WEST LIBERTY	94	8-24+	- 7	1- 9+	3- 5	11	3-15	17	3-26	23	3-26	23	5- 8	30	10- 5	31	10-27	27	10-30	24	12- 6	19	12- 7	16	277	266	218	215	150
WILLIAMSBURG 1 E	95	8-21	1	2-22	3- 4	14	3-14	19	3-25	24	3-25	24	4-16	31	10- 5	30	10-26	28	11-11	24	11-21	20	12- 9	11	280	252	231	215	172

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
* * * WESTERN 01														
MADISONVILLE 1 SE	EVAP	-	-	-	6.46B	7.00B	7.28	7.77	6.93B	4.90B	-	-	-	-
	WINO	-	-	-	2064	1781	858	778	824	751B	-	-	-	-
	MAX	-	-	-	73.6	80.8	90.8	96.5	95.6	84.5	-	-	-	-
	MIN	-	-	-	48.1	55.4	66.8	69.4	69.6	58.4	-	-	-	-
* * * CENTRAL 02														
NOLIN RIVER RESERVOIR	EVAP	-	-	-	5.59B	6.51B	7.16	8.45	7.93	4.59B	3.87	-	-	-
	WINO	-	-	-	1986	1535	1057	775	-	-	-	-	-	-
WOLF CREEK OAM	EVAP	-	-	-	-	4.55B	6.148	5.96B	6.028	3.55B	3.29B	-	-	-
	DEP	-	-	-	-	- 1.03	- .64	- 1.04	- .01	- 1.32	.15	-	-	-
	WINO	-	-	-	-	611	451	407	414	410	407	-	-	-
	MAX	-	-	-	-	69.7	-	-	94.1	82.2	69.0	-	-	-
	MIN	-	-	-	-	57.3	-	-	70.4	59.7	50.4	-	-	-
* * * 8LUE GRASS 03														
OIX DAM	EVAP	-	-	-	5.38B	6.06B	6.95	6.868	7.018	4.768	2.93B	-	-	-
	OEP	-	-	-	.95	.53	.93	.30	1.24	.03	.02	-	-	-
	WINO	-	-	-	1924B	1569	1149	915	1011	1047B	1369B	-	-	-
	MAX	-	-	-	72.2	77.6	89.8	93.6	91.2	81.3	68.4	-	-	-
	MIN	-	-	-	47.1	-	64.2	67.5	68.3	59.1	47.3	-	-	-
* * * EASTERN 04														
8UCKHORN	EVAP	-	-	-	4.21B	4.54B	5.698	-	5.148	3.98B	2.72	-	-	-
	WINO	-	-	-	1187B	1094	731	-	513	450	680	-	-	-
	MAX	-	-	-	-	78.4	89.9	-	94.6	84.4	70.1	-	-	-
	MIN	-	-	-	-	59.2	65.7	-	71.5	63.8	53.1	-	-	-
OEWEY OAM	EVAP	-	-	-	-	3.268	4.428	4.868	-	2.19B	-	-	-	-
	WIND	-	-	-	-	415B	317	245	233	205	264	-	-	-
	MAX	-	-	-	-	76.7	89.9	94.2	91.0	80.7	61.5	-	-	-
	MIN	-	-	-	-	54.5	62.9	67.2	70.0	61.9	50.8	-	-	-

SOIL TEMPERATURES

Station and Depth	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
BARDSTOWN S J PREP SCH																										
4 IN.	36.2	50/33	36.5	51/33	47.2	66/35	61.2	72/49	69.1	78/58	78.4	85/69	80.7	91/72	79.5	87/69	72.0	86/65	61.8	76/48	50.6	67/40	39.9	49/34	59.4	91/33
20 IN. 5PM	40.0	43/38	40.2	45/37	43.7	52/38	55.8	60/52	63.0	66/59	70.4	73/65	73.6	75/72	76.7	82/73	71.3	75/69	64.2	69/57	54.6	60/49	45.4	51/40	58.2	82/37
BEREA COLLEGE																										
4 IN.	33.7	40/32	34.9	45/32	43.2	56/32	55.6	62/49	64.1	69/57	72.2	78/63	76.1	80/69	77.8	83/70	71.6	76/67	62.8	71/53	51.3	60/44	39.7	48/34	56.9	83/32
20 IN. 5PM	38.5	43/37	38.0	42/36	41.2	49/35	52.7	56/50	60.0	63/56	67.6	70/63	72.3	74/70	75.2	78/73	72.0	75/70	65.5	70/59	54.6	59/51	44.8	51/41	56.9	78/35
CAMPBELLSVILLE																										
4 IN.	36.5	50/33	36.4	50/33	45.9	62/33	57.5	65/49	65.1	76/55	73.8	82/58	77.1	83/67	79.4	87/69	71.3	85/63	60.7	73/47	48.7	62/41	38.1	43/33	57.5	87/33
20 IN. 6PM	39.1	42/38	39.2	45/36	42.4	50/36	52.9	57/50	59.9	63/56	67.8	70/62	72.1	74/70	75.1	78/73	70.1	73/68	62.8	68/55	52.9	62/49	44.0	49/41	56.5	78/36
CUMBERLAND GAP PARK																										
4 IN.	36.4	46/32	34.1	46/32	44.7	56/32	57.3	65/49	64.7	72/56	73.6	80/62	75.9	81/70	77.4	88/69	69.3	84/55	61.0	69/49	49.1	57/42	39.5	48/34	56.9	88/32
20 IN. 5PM	40.9	44/37	39.8	44/37	43.9	50/37	54.5	58/51	61.7	65/58	69.0	72/64	72.6	74/71	74.[illegible]	77/72	69.9	78/67	63.5	68/57	53.6	58/50	45.1	50/42	57.5	78/37
FLEMINGSBURG 1 SW																										
4 IN.	32.2	41/30	32.4	43/30	39.5	54/30	51.3	56/45	60.0	67/51	68.3	75/58	73.3	82/65	74.7	81/65	66.4	73/59	58.3	70/44	46.8	57/37	36.0	46/24	53.3	82/24
20 IN. 6PM	38.8	41/37	37.9	40/36	39.9	45/36	49.8	54/47	56.6	60/52	64.4	67/59	69.[illegible]	72/67	73.0	75/71	68.5	71/67	62.4	67/56	52.4	57/49	43.6	49/40	54.7	75/36
GLASGOW WKAY																										
4 IN.	38.0	46/35	37.0	47/34	43.4	54/34	56.0	62/49	64.9	71/57	74.0	79/66	77.4	84/70	79.7	86/71	71.6	78/65	62.4	71/51	51.9	60/44	42.7	51/37	58.3	86/34
20 IN. 6PM	40.2	43/39	39.3	45/36	42.0	49/36	52.2	56/48	59.7	63/55	67.8	71/62	-	- /69	75.3	77/73	70.6	73/68	63.5	68/57	54.4	59/51	46.0	51/43	-	77/36
GREENVILLE 2 W																										
4 IN.	35.6	47/33	36.5	52/33	45.1	63/33	59.6	77/43	69.5	78/62	79.2	88/70	80.6	87/71	81.7	89/71	73.9	81/66	64.0	75/50	51.8	63/42	41.8	57/34	59.9	89/33
20 IN. 5PM	40.0	43/38	40.6	46/38	43.1	50/38	54.5	59/49	60.9	65/-	71.4	74/65	73.8	75/71	76.1	78/74	71.3	74/69	64.8	70/58	55.1	60/51	46.2	52/43	58.2	78/38
HENDERSON 7 SSW																										
4 IN.	38.2	48/36	39.7	50/35	45.8	59/37	57.8	65/52	66.4	72/60	75.8	80/70	79.9	85/72	80.[illegible]	86/74	73.6	77/69	64.6	73/56	54.4	61/49	43.7	52/39	60.1	86/35
20 IN. 6PM	40.8	44/40	41.2	46/38	44.0	51/39	53.7	57/51	60.9	63/58	68.8	71/64	73.6	76/70	75.7	77/74	71.1	74/69	64.6	69/59	56.0	60/53	46.8	53/43	58.1	77/38
IRVINGTON																										
4 IN.	38.0	48/36	39.2	54/36	45.8	58/36	58.3	66/49	66.9	75/59	76.9	84/69	80.5	87/73	81.3	88/73	72.[illegible]	79/67	62.9	71/51	53.0	61/45	41.9	52/36	59.8	88/36
20 IN. 6PM	38.9	42/38	39.6	44/37	41.3	47/37	51.8	56/49	59.4	62/56	67.8	70/62	72.1	74/69	74.4	76/73	-	- /-	63.3	69/56	54.3	57/50	44.4	56/41	-	76/37
LEXINGTON CAMPUS FARM																										
BARE GROUND																										
1 IN.	34.2	52/22	32.1	56/17	44.9	80/25	57.7	82/36	65.5	89/42	75.1	100/53	79.2	99/58	79.[illegible]	98/60	71.3	92/51	57.7	85/34	46.2	71/31	35.2	54/25	56.6	100/17
2 IN.	33.8	51/24	31.7	54/19	43.9	75/27	57.3	87/38	63.8	84/44	74.6	95/58	78.4	95/60	79.0	95/61	70.7	89/53	57.3	82/35	45.9	69/32	35.4	52/28	56.0	95/19
4 IN.	34.3	48/29	32.1	51/18	42.8	67/30	56.0	73/41	63.8	76/47	73.0	88/60	77.0	88/59	78.1	89/65	70.1	83/58	57.8	77/39	46.5	64/34	36.6	50/28	55.7	89/18
8 IN.	35.3	45/32	33.7	48/30	41.7	59/31	54.8	64/44	62.5	70/53	71.3	80/62	75.5	81/67	77.0	85/69	69.5	78/61	58.4	72/44	47.6	60/38	38.4	48/35	55.5	85/30
SOD																										
1 IN.	35.3	45/30	33.6	48/29	42.0	60/30	55.0	63/46	62.4	71/46	71.9	79/62	76.3	84/65	77.5	87/66	69.4	78/61	58.8	70/44	48.0	60/38	38.5	49/33	55.7	87/29
2 IN.	35.6	44/31	34.0	47/30	42.1	58/30	54.5	62/40	62.2	70/52	71.6	78/62	75.9	83/66	77.3	86/67	69.2	77/62	59.0	68/45	48.4	60/39	39.0	48/34	55.7	86/30
4 IN.	35.4	43/31	34.2	46/30	41.8	56/31	54.2	61/47	62.0	69/54	70.9	76/62	75.6	81/67	76.9	84/68	69.1	75/63	59.1	67/46	48.7	59/40	39.4	48/34	55.6	84/30
8 IN.	36.8	43/33	35.5	45/32	41.3	53/31	53.6	59/48	61.2	66/56	69.8	74/63	74.6	79/69	76.5	81/71	69.2	72/65	60.1	67/50	49.9	59/43	40.7	47/37	55.8	81/31
20 IN. 7PM	39.3	41/37	38.0	44/35	42.6	55/38	52.0	55/49	59.1	62/55	66.9	70/62	72.2	75/69	74.9	78/72	69.3	72/67	61.7	66/56	52.6	59/48	44.4	49/41	56.1	78/35
40 IN. 7PM	43.2	45/41	41.6	44/39	41.4	54/35	49.9	53/46	56.1	59/53	62.8	66/59	68.1	71/65	71.9	73/71	68.8	76/66	63.2	66/60	56.0	60/52	49.0	53/46	56.0	76/35
MAYFIELD RADIO WNGO																										
4 IN.	37.7	50/28	38.9	51/31	45.1	62/34	60.2	69/52	69.3	79/61	79.8	89/72	82.7	96/74	82.0	88/72	73.4	79/68	64.9	74/53	53.7	62/45	43.4	52/38	60.9	96/28
20 IN. 5PM	40.5	47/37	41.2	48/35	43.9	55/39	55.9	61/50	63.7	68/60	-	- /68	-	- /-	-	81/-	73.5	79/70	65.7	71/58	55.8	60/48	46.3	52/43	-	81/35
PRINCETON 1 SE																										
4 IN.	34.1	45/32	35.6	49/32	42.8	61/32	57.6	68/47	66.4	76/57	76.5	83/67	79.4	86/70	79.3	85/71	71.2	77/66	61.5	69/51	51.3	59/44	40.0	48/35	58.0	86/32
20 IN. 5PM	40.0	43/39	40.7	46/38	43.1	51/38	54.2	58/50	62.4	65/59	70.8	73/65	74.3	76/72	75.9	78/74	71.1	73/69	64.5	69/58	55.2	60/49	46.5	52/43	58.2	78/38
QUICKSAND																										
4 IN.	34.6	43/32	33.9	47/30	44.8	64/30	58.4	70/48	65.6	75/54	75.8	87/65	78.8	85/70	78.6	86/69	72.0	80/65	61.2	73/45	49.0	60/38	38.9	50/33	57.6	87/30
20 IN. 4PM	37.1	40/36	36.3	42/34	42.5	51/34	54.9	59/52	62.0	69/57	70.6	77/65	74.8	77/72	76.4	80/74	72.0	77/70	62.8	69/52	51.2	57/42	42.4	48/40	56.9	80/34
SANDY HOOK 5 NE																										
4 IN.	35.1	44/32	34.8	48/31	45.8	63/32	-	- /-	-	- /-	73.7	83/62	78.3	86/68	79.7	89/69	72.5	80/65	62.2	74/48	-	- /-	-	- /-	-	89/31
20 IN. 6PM	39.2	42/37	39.0	43/36	42.5	50/37	54.0	57/51	60.2	63/57	68.7	72/63	74.[illegible]	76/72	76.2	79/75	71.[illegible]	75/70	65.0	70/58	-	- /-	-	- /-	-	79/36

SOIL TEMPERATURES

CONTINUED

Station and Depth	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
SOMERSET 2 N																										
1 IN.	36.4	48/31	35.4	49/30	45.5	64/32	57.8	68/47	65.6	76/55	75.6	88/64	79.0	88/68	80.3	88/70	71.6	79/64	61.1	72/47	50.3	61/40	40.4	53/33	58.3	88/30
4 IN.	36.7	46/32	36.0	49/31	45.5	62/33	57.8	68/49	65.6	75/55	74.6	85/65	77.6	84/69	79.6	86/-	71.1	77/62	61.3	70/50	50.9	61/38	40.9	53/34	58.1	86/31
20 IN. 6PM	41.7	45/40	40.7	46/38	44.5	51/38	54.9	58/51	62.4	66/58	70.7	74/66	75.0	77/73	78.0	80/76	72.7	77/70	64.8	70/59	56.1	63/43	46.9	52/44	59.0	80/38
WILLIAMSTOWN 3 NW																										
4 IN.	36.6	43/-	-	46/-	43.0	56/35	55.2	62/48	62.9	70/55	72.3	78/64	74.8	78/68	76.7	82/70	70.5	75/66	62.0	71/50	51.6	59/44	41.1	48/37	-	82/35
20 IN. 6PM	39.5	42/38	39.2	42/37	40.7	47/37	51.4	55/48	58.6	61/55	66.1	68/61	70.0	72/68	72.9	75/72	69.1	71/68	63.2	67/57	53.9	58/50	45.2	51/42	55.8	75/37

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN S.J. PREP SCHOOL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	B PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOO	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
OBSERVATIONAL TIME FOR SOIL TEMPERATURE SAME AS LATE AFTERNOON AIR TEMPERATURE TIME.
MONTHLY AVERAGES ARE AVERAGES OF DAILY MAX AND MIN VALUES UNLESS TIME IS INDICATED,
IN WHICH CASE AVERAGES ARE FROM ONCE DAILY READINGS.

STATION INDEX

Station	Index No.	Division No.	County	Drainage†	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
								Temp.	Precip.	Evap.	Month opened	Month closed	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		41				2 C
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		18				2
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	70	71				1 2 3
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	55	56				1 2 3
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	19	23				1 2 3 C
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	19	19				1 2 3 G
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	5	5				1 2 3
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	6	6				1 2 3
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	17	28				1 2 3 C
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	61	61				1 2 3
BENTON	0611	01	MARSHALL	9	36 51	88 21	385						C
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	67	67				1 2 3 CG
BEREA	0624	03	MADISON	4	37 34	84 18	1000		22				2
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	13	13				1 2 3
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		44				2
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	87	87				1 2 3
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	6	6				1 2 3
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7				2
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		8	8			2 4C
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		17				2 C
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		18				2
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		52				2 C
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	24	24				1 2 3 G
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		11				2
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	18	65				1 2 3 C
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	72	72				1 2 3
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		13				2
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	18	18				1 2 3
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360						C
COBB	1663	01	CALDWELL	2	36 59	87 47	500		11				2
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		60				2
#COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	22	22				1 2 3 C
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6	6				1 2 3
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		18				2
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200						
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		52				2
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	1[illegible]	18				1 2 3
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	3[illegible]	60				1 2 3
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700						C
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		2				2
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	1[illegible]	18	1[illegible]			1 2 34C
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	1[illegible]	16	1[illegible]			1 2 34
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		28				2 C
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		29				2
DYER	2391	02	BRECKENRIDGE	3	37 43	86 13	793						C
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		26				2 C
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		18				2
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		11				2
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	14	82				1 2 3
FARMERS 1 WNW	2791	03	ROWAN	5	38 09	83 33	662	6[illegible]	64				1 2 3
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		45				2
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	1[illegible]	12				1 2 3 CG
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		55				2
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	2[illegible]	41				1 2 3 C
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		6				2
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	8[illegible]	87				1 2 3
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		64				2
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		16				2
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		18				2
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		12				2
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		27				2
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		60				2 C
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	2	2				1 2 3
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		40				2
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	16	16				1 2 3
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		18				2
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	16	16				1 2 3
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	10	10				1 2 3
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	76	82				1 2 3
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		19				2
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	53	53				1 2 3
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745						C
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		31				2
HAZARD	3709	04	PERRY	4	37 15	83 12	869						C
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		19				2
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	36	54				1 2 3 C
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	43[illegible]	47	55				1 2 3
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	51[illegible]						C
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	37[illegible]	19	19				1 2 3
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	54[illegible]		67				2
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	91[illegible]	3	3				1 2 3
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	78[illegible]	13	13				1 2 3 C
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	54[illegible]	73	73				1 2 3
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8	29				1 2 3
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	650	72	72				1 2 3 G
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	8	51				1 2 3
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		29				2
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		28				2
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		13				2
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		44				2
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	74	74				1 2 3
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	89	90				1 2 3 C
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050						G
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		28				2 C
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		59				2 C
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		50				2
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		59				2
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773						C
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200						C
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	15	15				1 2 3
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		18				2 C
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	13	13				1 2 3 C
LOUISVILLE WB AR	4954	02	JEFFERSON	7	38 11	85 44	477	35	35				1 2 3 C
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		21				2
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	41	43				1 2 3
LUCAS	5002	02	BARREN	3	36 53	86 02	738						C
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	22	22	13			1 2 34C
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	34	34				1 2 3
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	18	18				1 2 3
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		29				2
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	2	2				1 2 3 G
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	73	72				1 2 3 C
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	6	18				1 2 3
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662						C
META	5370	04	PIKE	1	37 34	82 27	730						C
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	72	77				1 2 3
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		27				2
MILLERSBURG	5430	03	BOURBON	5	38 18	84 08	790						C
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		28				2
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	12	32				1 2 3
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750						C
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	76	79				1 2 3
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	116	12	12				1 2 3
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	625		41				2 C
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	43	43				1 2 3
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		5	5	5			1 2 34
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				AUG		C
OLIVE HILL 2 WNW	6013	04	CARTER	7	38 19	83 12	895					AUG	C
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		11				2
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	73	72				1 2 3
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		40				2 C
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	6	6				1 2 3
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	20	20				1 2 3
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	21	21				1 2 3
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325						C
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		36				2
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		8				2
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	33	64				1 2 3 C
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	66	70				1 2 3 G
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840						G
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		52				2
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	77	81				1 2 3
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	5	15				1 2 3
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	5	5				1 2 3
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	57	60				1 2 3
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850						C
ST MARY	7096	02	MARION	8	37 35	85 21	743						C
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		56				2
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859						C
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		17				2
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755						G
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	22	22				1 2 3
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		9				2
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		28				2
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	78	80				1 2 3
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		16				2
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862						C
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955						C
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	19	19				1 2 3 G
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		27				2
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	8	28				1 2 3 C
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	19	19				1 2 3
TATHAM SPRINGS	7924	02	WASHINGTON	8	37 52	85 09	670					OCT	C
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		21				2
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		27				2
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	6	6				1 2 3
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930						C
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		51				2
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		40				2 C
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		56				2
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	17	55				1 2 3
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	10	10				1 2 3
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870						C
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	6	27				1 2 3
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	20	21				1 2 3
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	72	81				1 2 3
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	66	66				1 2 3 G
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				OCT		C
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		50				2
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	21	21	21			1 2 34C
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		72				2 C

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

CHANGES IN STATION NAME

NEW NAME	FORMER NAME	DATE - 1968
BARDSTOWN NAZARETH COL	BARDSTOWN ST. JOSEPH PREP SCHOOL	AUGUST 1
CAMPBELLSVILLE 2 SSW	CAMPBELLSVILLE	MAY 8
LEITCHFIELD 2 N	LEITCHFIELD	MAY 10
MILLERSBURG	MILLERSBURG 2 N	MAY 22

RELOCATION AND CHANGES OF EQUIPMENT

BARDSTOWN NAZARETH COL	EQUIPMENT MOVED 2.8 MILES N	AUGUST 1
BARREN RIVER RESERVOIR	EQUIPMENT MOVED 1/2 MILE N	MARCH 24, 1966
BENTON	EQUIPMENT MOVED 300 FEET N	DECEMBER 6
CAMPBELLSVILLE 2 SSW	EQUIPMENT MOVED 1.5 MILES SW	MAY 8
DAWSON SPRINGS	EQUIPMENT MOVED .6 MILE E	OCTOBER 22
FRENCHBURG	EQUIPMENT MOVED 0.3 MILE E	FEBRUARY 1
LEITCHFIELD 2 N	EQUIPMENT MOVED 2.2 MILES NNE	MAY 10
MILLERSBURG	EQUIPMENT MOVED 1.6 MILES SW	MAY 22
MUNFORDVILLE	EQUIPMENT MOVED 0.6 MILE W	MAY 9
TILFORD	EQUIPMENT MOVED 0.3 MILE NE	JULY 11

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you, Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min in Evaporation and Wind table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

NORMALS for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

DELAYED DATA AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record.
+	Also on earlier date (dates) or months.
*	Amount included in following measurement.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
E	Amount is wholly or partially estimated.
M	One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
R	Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month. V in annual column means total is for a two-year period.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

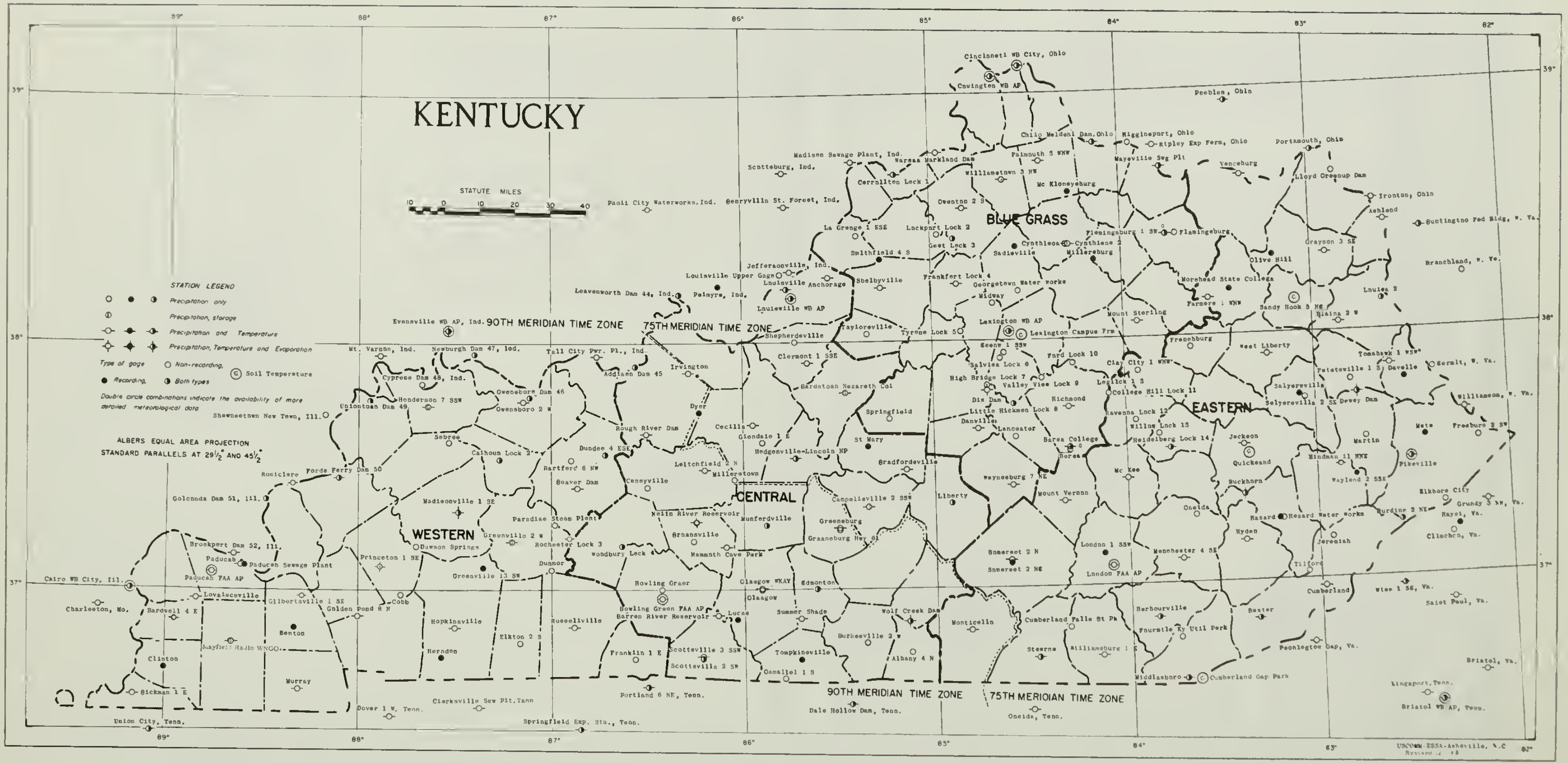
#	Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
C	Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.
G	Soil temperatures published.

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-3/12/69-940


KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
Non-recording,
Recording,
Both types
Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
WESTERN
CENTRAL
BLUE GRASS
EASTERN
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
39°
38°
37°
89°
88°
87°
86°
85°
84°
83°
82°
Cincinnati WB City, Ohio
Covington WB AP
Peebles, Ohio
Madison Sewage Plant, Ind.
Scottsburg, Ind.
Warsaw Markland Dam
Carrollton Lock 1
Williamstown 3 NW
Falmouth 3 WNW
Chio Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Maysville Swg Plt
Vanceburg
Portsmouth, Ohio
Lloyd Greenup Dam
Ironton, Ohio
Ashland
Huntington Fed Bldg, W. Va.
Branchland, W. Va.
Louisa 2
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
La Grange 1 ESE
Owenton 2 S
Mc Kinneysburg
Lockport Lock 2
Gest Lock 3
Smithfield 4 S
Cynthiana
Cynthiana 2
Millersburg
Sadieville
Flemingsburg 1 SW
Flemingsburg
Olive Hill
Grayson 3 SE
Jeffersonville, Ind.
Louisville Upper Gage
Louisville
Anchorage
Louisville WB AP
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Midway
Morehead State College
Farmers 1 WNW
Sandy Hook 5 NE
Blaine 2 W
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Evansville WB AP, Ind.
Taylorsville
Tyrone Lock 5
Lexington WB AP
Lexington Campus Frm
Mount Sterling
Frenchburg
West Liberty
Tomahawk 1 WSW
Kermit, W. Va.
Williamson, W. Va.
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Addison Dam 45
Irvington
Shepherdsville
Clermont 1 SSE
Keene 1 SSW
Salvisa Lock 6
Ford Lock 10
Clay City 1 WNW
Leglick 1 3
College Hill Lock 11
Paintsville 1 S
Daysville
Salyersville
Salyersville 2 SE
Dewey Dam
Cypress Dam 48, Ind.
Henderson 7 SSW
Uniontown Dam 49
Owensboro Dam 46
Owensboro 2 W
Shawneetown New Town, Ill.
Dyer
Cecilia
Bardstown Nazareth Col
High Bridge Lock 7
Valley View Lock 9
Richmond
Dix Dam
Danville
Little Hickman Lock 8
Lancaster
Ravenna Lock 12
Willow Lock 13
Heidelberg Lock 14
Jackson
Quicksand
Martin
Mate
Freeburn 2 SW
Pikeville
Sebree
Calhoun Lock 2
Rough River Dam
Dundee 4 ESE
Hartford 6 NW
Beaver Dam
Glendale 1 E
Hodgenville-Lincoln NP
Springfield
St Mary
Bradfordsville
Berea College
Berea
Mc Kee
Hindman 11 NNE
Wayland 2 SSE
Elkhorn City
Grundy 3 SW, Va.
Rosiclare
Forde Ferry Dam 50
Golconda Dam 51, Ill.
Madisonville 1 SE
Caneyville
Leitchfield 2 N
Millerstown
Campbellsville 2 SSW
Liberty
Waynesburg 7 NE
Mount Vernon
Oneida
Buckhorn
Hazard
Hazard Water Works
Burdine 2 NE
Haysi, Va.
Clinchco, Va.
Nolin River Reservoir
Munfordville
Greensburg
Greensburg Hwy 61
Brownsville
Paradise Steam Plant
Greenville 2 W
Dawson Springs
Rochester Lock 3
Woodbury Lock 4
Mammoth Cave Park
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Paducah FAA AP
Princeton 1 SE
Greenville 13 SW
Dunmor
Bowling Green
Bowling Green FAA AP
Barren River Reservoir
Glasgow WKAY
Glasgow
Edmonton
Somerset 2 N
Somerset 2 NE
London 1 SSW
London FAA AP
Manchester 4 SE
Hyden
Jeremiah
Tilford
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Cairo WB City, Ill.
Charleston, Mo.
Lovelaceville
Bardwell 4 E
Gilbertsville 1 SE
Golden Pond 8 N
Cobb
Hopkinsville
Elkton 2 S
Russellville
Lucas
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Pineville
Fourmile Ky Util Park
Baxter
Pennington Gap, Va.
Mayfield Radio WNGO
Benton
Clinton
Herndon
Franklin 1 E
Scottsville 3 SSW
Scottsville 2 SW
Tompkinsville
Burkesville 2 W
Albany 4 N
Stearns
Williamsburg 1 S
Middlesboro
Cumberland Gap Park
Bristol, Va.
Kingsport, Tenn.
Bristol WB AP, Tenn.
Hickman 1 E
Murray
Union City, Tenn.
Dover 1 W, Tenn.
Clarksville Sew Plt, Tenn
Springfield Exp. Sta., Tenn.
Portland 6 NE, Tenn.
Gamaliel 1 S
Dale Hollow Dam, Tenn.
Oneida, Tenn.
USCOMM-ESSA-Asheville, N.C
Revised

551.05
UNKE

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY

JANUARY 1969

Volume 64 No. 1

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	44.1	27.3	35.7		63	23	8	4	899	0	6	21	0	9.68		2.53	30	7.0	4	27+	12	7	4
BEAVER DAM	42.5	25.1	33.8		60	23	- 5	5	959	0	7	19	1	6.48		1.79	28		4	7+	9	5	3
FORDS FERRY DAM 50	41.9	25.7	33.8		60	29+	6	4	957	0	8	23	0	8.17	3.70	2.52	30	3.0	1	27+	9	4	3
GILBERTSVILLE 1 SE	44.8	27.8	36.3		64	9	7	4	882	0	5	19	0	8.56		2.10	30	1.5	0		9	6	3
GOLDEN POND 8 N	43.1	26.0	34.6		66	9	7	5+	935	0	6	21	0	7.00		1.42	30		1	6	11	5	2
GREENVILLE 2 W	43.4	25.4	34.4	- 2.7	62	23	- 5	5	943	0	6	19	2	5.84	.85	1.40	28		3	6	7	4	3
HENDERSON 7 SSW	40.7	25.2	33.0	- 3.1	59	30+	5	4	985	0	7	22	0	7.11	2.10	2.13	17	3.5	2	26	8	5	3
HICKMAN 1 E	43.4	26.3	34.9		63	23+	6	5	928	0	5	23	0	12.00		4.15	30	12.8	9	27	13	7	3
HOPKINSVILLE	42.4	25.0	33.7	- 3.6	64	24	5	4	963	0	7	21	0	5.86	.51	1.47	30	3.2	2	27+	13	5	1
LOVELACEVILLE	44.5	26.9	35.7	- 1.8	63	23	7	4	900	0	5	22	0	9.40	4.48	2.63	30	3.0			12	6	4
MADISONVILLE 1 SE	43.2	23.8	33.5		62	23	- 1	5	968	0	6	23	1	6.47		1.56	18	1.8	2	4+	12	5	3
MAYFIELD RADIO WNGO	47.1	26.6	36.9		65	9	9	4	865	0	3	22	0	0 9.52		3.00	30		6	27	8	6	3
MURRAY	42.5	26.6	34.6	- 3.8	64	9	7	4	934	0	7	21	0	6.92	1.73	2.26	30	4.8	4	27	12	4	2
OWENSBORO 2 W	40.9	25.2	33.1	- 2.7	57	30+	5	5+	983	0	7	21	0	5.76	1.11	1.40	28	5.5	3	6	9	4	3
PADUCAH FAA AIRPORT	42.6	26.6	34.6		61	23	8	4	935	0	5	22	0	10.03		2.83	29	4.0	4	27	11	6	3
PADUCAH	44.7	27.0	35.9		62	23	7	4	898	0	5	22	0	7.37	2.63	2.12	30	T	0		8	4	3
PRINCETON 1 SE	44.3	26.4	35.4	- 2.0	63	23	5	4	911	0	6	20	0	7.36	2.16	1.78	18	3.0	1	7+	9	5	4
ROCHESTER LOCK 3	41.3	23.2	32.3		61	24	- 6	5	1008	0	7	22	2	5.75		1.28	30		3	6+	11	5	1
RUSSELLVILLE	42.7	23.2	33.0	- 3.8	62	24	6	5+	985	0	5	21	0	4.91	- .60	.83	30				15	4	0
DIVISION			34.5	- 2.7										7.59	2.60			4.1					
* * *																							
CENTRAL 02																							
ANCHORAGE	40.2	23.9	32.1	- 2.3	57	31+	1	4	1014	0	8	22	0	5.52	1.22	1.57	28	2.2	2	7+	8	4	2
BARDSTOWN NAZARETH COL	40.0	22.9	31.5		56	31+	0	4	1033	0	12	21	1	5.45		1.45	28				9	4	2
BARREN RIVER RESERVOIR	41.4	24.0	32.7		61	24	1	5	994	0	7	20	0	3.89		.62	20	3.3	3	7	14	1	0
BOWLING GREEN FAA AP	42.6	26.4	34.5	- 3.6	61	23	3	5	941	0	5	19	0	4.93	- .77	.82	28	3.0	1	27	15	5	0
BRADFORDSVILLE	42.3	23.3	32.8		58	31+	-10	4	987	0	5	19	2	0 3.97		.56	20	5.0	3	7+	15	1	0
CAMPBELLSVILLE 2 SSW	42.9	23.9	33.4		58	31+	-11	5	973	0	5	20	2	4.18		1.20	20	7.5			10	3	1
CECILIA	41.6	24.1	32.9	- 2.0	58	30	1	5	986	0	7	19	0	6.43	1.27	1.65	28	3.0	3	6	11	4	3
CLERMONT 1 SSE	42.7	23.0	32.9		58	31+	- 2	5	989	0	5	23	2	5.69		1.22	28	3.0	3	6	11	4	2
GLASGOW WKAY	42.0	25.2	33.6		58	23	- 1	5	967	0	6	19	2	4.99		.82	20	4.5	3	6	14	2	0
GREENSBURG	42.8	22.2	32.5	- 4.4	60	31	- 8	5	1001	0	6	21	3	3.74	- 1.61	.69	20	7.0	5	7	12	2	0
HODGENVILLE-LINCOLN NP	43.5M	22.8M	33.2M		57	31	0	5		0	7	21	1	5.20		1.45	29	4.0	1	8	6	5	2
IRVINGTON	42.0M	23.4M	32.7M	- 3.6	58	31+	0	5	991	0	6	22	1	6.25	1.79	1.61	28				9	4	4
LEITCHFIELD 2 N	42.0	23.2	32.6	- 4.4	59	23	2	5	1000	0	8	20	0	3.63	- 1.70	1.12	28				7	2	1
LOUISVILLE	41.9	25.9	33.9		60	29	2	4	956	0	6	19	0	4.89		1.66	28	2.0	1	7+	9	4	1
LOUISVILLE WB AP R	41.2	24.9	33.1	- 1.9	59	30+	4	4	987	0	8	20	0	5.31	1.21	1.42	28	3.2	2	6	8	3	2
MAMMOTH CAVE PARK	42.8	22.7	32.8		59	23	- 6	5	989	0	6	22	2	6.65		1.60	28	6.6	5	6	14	5	2
NOLIN RIVER RESERVOIR	40.9	21.8M	31.4M		61	24	- 5	5	1041	0	6	21	1	4.85		.95	29	5.5	5	7+	13	3	0
ROUGH RIVER DAM	40.1	21.5	30.8		59	31+	2	5+	1054	0	10	21	0	6.14		1.50	18	3.8	3	6	13	4	3
SCOTTSVILLE 3 SSW	43.6	27.0	35.3		60	23	2	5	914	0	6	19	0	5.09		1.23	18	5.0	3	6	11	3	1
SUMMER SHADE	43.0	24.7	33.9		59	30+	- 4	4	960	0	6	19	2	4.63		1.03	20		3	6	12	2	1
WOLF CREEK DAM	44.2	23.4	33.8		62	31	0	5+	961	0	4	21	2	3.55		.72	20		2	4	11	1	0
DIVISION			33.0	- 3.6										5.00	- .12			4.3					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	42.1	25.0	33.6	- 4.0	60	30	- 3	5	967	0	9	19	1	2.03	- 2.93	.70	20	2.5	2	7+	6	1	0
CARROLLTON LOCK 1	40.5	23.7	32.1		59	31+	1	5	1012	0	11	20	0	4.57	.73	1.44	29	.5	1	6	8	3	2
COVINGTON WB AIRPORT R	38.0	22.4	30.2	- 1.4	57	30	3	5+	1072	0	13	21	0	4.64	1.08	1.32	28	1.0	T	27+	7	3	2
CYNTHIANA 2	38.3M	17.6M	28.0M		56	30	1	5+	1140	0	10	21	0	0 3.32		1.20	29	2.0	1	7+	10	2	1
DANVILLE	39.8	21.0	30.4		58	31	0	6+	1062	0	10	20	2	3.00	- 2.10	.55	29	1.9	1	8+	11	1	0
DIX DAM	42.2	24.5	33.4		57	31+	2	5+	973	0	6	21	0	3.30		1.01	29	.7	1	6	8	2	1
FALMOUTH 5 WNW	39.9	20.2	30.1		58	30	- 3	5	1074	0	8	23	2	3.72	- .17	.86	29	.5	1	7	7	3	0
FARMERS 1 WNW	42.1	22.5	32.3	- 4.0	61	30+	0	5	1005	0	6	20	1	2.11	- 2.34	.35	21	1.8	1	8+	8	0	0
FLEMINGSBURG 1 SW	39.8	22.1	31.0		58	31+	- 1	5	1047	0	11	21	1	3.56		.97	28		1	7	7	3	0
FRANKFORT LOCK 4	40.3	20.2	30.3	- 5.5	59	31	2	5	1070	0	8	23	0	3.85	- .47	1.31	29	.3	T	7+	11	3	1
LEXINGTON WB AIRPORT R	40.3	23.8	32.1	- 2.4	58	30	2	5	1011	0	9	19	0	4.26	- .68	1.12	28	1.9	1	8+	8	4	1
MAYSVILLE SEWAGE PLANT	39.8	20.8	30.3	- 4.5	59	31+	4	5	1068	0	12	21	0	3.50	- .67	1.02	29	1.3	1	8+	8	3	1
MOUNT STERLING	41.4	23.6	32.5		58	30+	3	5+	997	0	11	21	0	3.95	- .94	.82	18		2	7	10	3	0
OWENTON 2 S	39.8	21.4	30.6		57	30	- 4	5	1059	0	9	23	3	4.41		1.11	28				8	4	1
RICHMOND	41.1M	23.6M	32.4M		59	31	0	5	995	0	8	20	1	2.75		.50	19	2.0	2	7	10	1	0
SHELBYVILLE	38.8	19.9	29.4	- 5.6	62	23	1	5+	1098	0	10	22	0	4.57	- .11	1.06	29	.7	1	8+	10	3	2
WARSAW MARKLAND DAM	38.9	18.9	28.9	- 5.6	59	31	0	1	1112	0	11	21	1	5.20	1.20	1.44	29	T	T	27+	9	3	3
WAYNESBURG 7 NE	41.3	23.5	32.4		58	30	- 7	5	1003	0	10	19	2	3.58		.62	19	5.0	5	7	12	1	0
WILLIAMSTOWN 3 NW	39.7	21.9	30.8	- 3.2	57	30	1	5+	1054	0	11	23	0	3.84	- .27	.94	28	.6	1	7+	7	3	0
DIVISION			31.1	- 4.8										3.69	- .94			1.4					
* * *																							
EASTERN 04																							
ASHLAND	41.4	20.3	30.9	- 6.2	65	31	3	5	1051	0	10	21	0	2.78	- 1.00	1.26	29		2	7	8	1	1
BARBOURVILLE	46.0	19.4	32.7		66	31	- 6	6+	991	0	3	22	3	3.08		1.00	19				9	2	1
BAXTER	43.8	21.6	32.7		66	31	- 5	6+	993	0	6	21	3	2.98		.86	19	6.3	6	7	8	2	0
BLAINE 2 W	42.3	17.8	30.1		67	31+	- 3	5	1074	0	8	25	2	2.38		.80	21				6	1	0
CUMBERLAND	46.9	23.2	35.1		68	24	-10	5	925	0	4	19	2	3.09		.77	20	7.5	5	7	8	2	0

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 4

THE LIBRARY OF THE
MAR 18 1969
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

Continued

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	41.7	19.9	30.8		67	31+	- 4	5	1054	0	11	21	2	1.90		.52	21	2.8	3	7	7	1	0
GRAYSON 3 SE																							
HEIDELBERG LOCK 14 R	43.8	23.5	33.7		68	29	- 8	5	964	0	3	20	2	2.22	- 2.35	.48	20		2	4	8	0	0
HINDMAN 11 NNE	43.0	19.0	31.0		70	31	- 6	5	1049	0	9	23	2	3.39		1.60	7	6.0	3	8+	8	2	1
HYDEN	44.6M	19.8M	32.2M		69	31	- 9	6+	1009	0	3	22	3	3.48		.85	19	5.0	4	7	10	2	0
JACKSON	43.4	19.6	31.5		67	31	- 6	5	1031	0	5	21	3	2.16		.81	20		3	7+	6	1	0
LONDON FAA AP	41.4	22.4	31.9		66	30	-12	5	1020	0	11	20	2	3.06		.75	20	4.3	3	8+	11	1	0
MANCHESTER 4 SE	44.9	22.2	33.6		68	30	-12	5	968	0	3	20	2	3.34		.75	20		5	7	12	2	0
MC KEE	39.9	17.7	28.8		63	31	-12	5	1113	0	8	20	3	3.19		.64	20	4.0	3	8+	10	1	0
MIDDLESBORO	42.7	22.7	32.7		62	31	- 5	5	991	0	6	21	2	3.18		.99	19		3	7	8	2	0
MONTICELLO	43.7	25.4	34.6		61	30	- 7	5	936	0	5	20	2	2.69		.66	20	5.1	3	7	9	1	0
MOUNT VERNON	42.5	24.0	33.3		59	30	-11	5	977	0	9	20	2	3.32		.85	20		6	4+	10	2	0
PIKEVILLE	46.7	31.0	38.9		72	30+	4	4	803	0	1	19	0	1.42	- 2.35	.75	19	.2	2	7+	5	1	0
SOMERSET 2 N	42.4	24.6	33.5		60	30	-12	4	969	0	5	20	2	0 4.55		1.46	20	3.0			12	3	1
STEARNS	42.9M	21.6M	32.3M		63	31	- 2	5	1008	0	3	20	1	2.65		.72	19				8	2	0
TOMAHAWK 1 WSW	42.3	17.0	29.7		68	31+	- 4	5	1089	0	9	23	2	2.15		.55	21	2.5	2	7	6	1	0
VANCEBURG	38.7	19.9	29.3		60	23	- 3	5	1098	0	13	24	2	0 2.92	- 1.19	.88	28	.8			6	2	0
WEST LIBERTY	41.8	18.5	30.2		65	31	- 1	6+	1074	0	6	22	2	2.80		.56	20		2	8+	9	2	0
WILLIAMSBURG 1 E	46.6	25.6	36.1	- 3.6	67	30	- 2	5	887	0	1	19	2	2.22	- 2.44	1.00	19				6	1	1
DIVISION			32.4	- 5.7										2.82	- 1.68			4.0					

EXTREMES

HIGHEST TEMPERATURE PIKEVILLE	72	DATE	30+
LOWEST TEMPERATURE 4 STATIONS	- 12	DATE	05+
GREATEST TOTAL PRECIPITATION HICKMAN 1 E	12.00		
LEAST TOTAL PRECIPITATION PIKEVILLE	1.42		
GREATEST 1 DAY PRECIPITATION HICKMAN 1 E	4.15	DATE	30
GREATEST TOTAL SNOWFALL HICKMAN 1 E	12.8		
GREATEST DEPTH OF SNOW HICKMAN 1 E	9	DATE	27

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	9.68		T	T			.24		T								.21	1.86	.68		.02	.14	.09	.82	T		.26	.20	1.00	1.05	2.53	.58
BEAVER DAM	6.48			.21			.33			.20								.65	1.24		.03	.02	.20	.02	T			.03	1.79	.52	1.24	
CALHOUN LOCK 2	6.47			T			.08	T		.15								.23	1.23	.15	T	.08	.15	.06	.31	T		.07	.57	.53	1.41	1.45
COBB	6.77			.22			.06			.25								.15	1.60	.47			T		.58			.12	.68	.75	1.44	.45
DAWSON SPRINGS	D 8.90			.20			1.25			.12								.25	2.00	.35	T	D .10	T	.23	.60			.75	.80	1.00	1.20	.05
DUNDEE 4 ESE	-			-	-	-	-	-	-	-	-	-	-	-	-	-		.32	1.65	.13	T	.05	.08	.26	.25			.10	.92	.90	1.35	.27
DUNMOR	6.40			.03	.01		.28			.21								.25	.90	.27	.14	.07	T	.10	1.16			.04	.62	.73	1.26	.33
ELKTON 2 S	4.75			.17	.02		T	.05		.29								.22	.76	.27	.07	.07	.08	.27	.40			.12	.32	.59	.62	.43
FORDS FERRY DAM 50	8.17			.21	T	T	.10	.04	T	.07								.68	2.19				T	T	.32			.09	1.35	.12	2.52	.48
FRANKLIN 1 E	3.46			.11	.04		.04	.08		.22								.16	.18	.48	.46	.05	.15	.03	.32			.09	.18	.34	.17	.36
GILBERTSVILLE 1 SE	8.56		T	.25	T	T	.08			.15			T				.04	1.65	1.59		T	.04	T	.83	T		T	.15	.90	.71	2.10	.07
GOLDEN POND 8 N	7.00			.27	T		.09			.25								.48	1.22	.23	.04	.02	.07	.08	.70			.20	.83	.75	1.42	.35
GREENVILLE 2 W	5.84			.24			.08			.28								.40	1.03		.03	.02	.05	.04	.06			.08	1.40	.80	1.33	
HARTFORD 6 NW	6.83			T			.11	T		.07						T	T	.24	1.47	.17		.06	.04	.18	.54	T		.16	1.23	.93	1.29	.34
HENDERSON 7 SSW	7.11						.09										.20	2.13	.58		T	T	T	.36	T		.13	.07	1.10	.74	1.71	T
HICKMAN 1 E	12.00		T	T			.35			T							.18	2.00	1.52	.30	T	.18	T	.75	T		.53	.55	.45	.66	4.15	.38
HOPKINSVILLE	5.86			.20	T		.12			.29								.15	.80	.32		.01	.13	.13	.50			.08	.45	.63	1.47	.58
LOVELACEVILLE	9.40			.22			.20			.11							.20	1.77	.83			.11	.05	.64	.05			.22	1.10	1.22	2.63	.05
MADISONVILLE 1 SE	6.47			.27			.15			.10								.23	1.56	.22	.03		.04	.06	.50			.26	1.10	.55	1.00	.40
MAYFIELD RADIO WNGO	D 9.52	T	T	.03	T	T	T		T	.11			T				.06	2.00	.08		1.85		T	.58	T	T	T	D .60	.95	.26	3.00	T
MURRAY	6.92			.25			.10			.30								.34	1.35	.30		.03		.13				.50	.63	.43	2.26	.30
OWENSBORO 2 W	5.76				T		.05			.07								.50	1.28	.07	.07		.10	.14	.10			.08	1.40	.40	1.30	.20
OWENSBORO DAM 46	6.74					T	.22	.02	T	.20								.35	1.50	.05	T	.05	.08	.02	.26	T		.08	1.20	.75	1.60	.36
PADUCAH FAA AIRPORT	10.03		.22	.02		T	.21		.01								.34	2.33	.41		T	.10	T	.53	T		.06	.56	.68	2.83	1.72	.01
PADUCAH	7.37						.32										.10	1.90	.74			T		.49				T	.12	1.58	2.12	T
PARADISE STEAM PLANT R	5.50				.24		.09	.03		.27								.30	.93	.20	.03	.06	.05	.23	.06			.02	.75	.85	1.12	.27
PRINCETON 1 SE	7.36			.20			.14										.17	1.03	1.78		.01	.01	.01	.20	.03			.04	1.29	.89	1.54	.02
ROCHESTER LOCK 3	5.75			.27			.05	.03		.20								.22	.87	.30	.08	.04	.05	.14	.58			.03	.72	.59	1.28	.30
RUSSELLVILLE	4.91			.17			.24	.13		.25								.16	.55	.35	.20	.03	.12	.05	.51			.25	.28	.53	.83	.26
SEBREE	7.03						.34			.25								1.30	.86	.05	.04			.14	.42			.25	1.33	.40	1.65	
UNIONTOWN DAM 49 //	7.18						.04			.14								.80	1.80			.03		T	.38	T		.16	.80	.34	2.32	.37
* * * CENTRAL 02																																
ADDISON DAM 45 //	7.72						.25	T		.27								.47	1.57	.10		.05	.02	.05	.80	T		.03	.96	1.10	1.62	.43
ALBANY 4 N	2.50				.22			.09		.21								.14	.34	.40	.61	.04	T	.15				.15	.06	T	.09	
ANCHORAGE	5.52						.16										T	.85	.67		.09	.02	T	.10	.23				1.57	.43	1.37	.03
BARDSTOWN NAZARETH COL	5.45						.07			.17								.45	.85		.25	.05	.05	.13	.43				1.45	.54	1.01	
BARREN RIVER RESERVOIR	3.89			.12	.03		.05	.31		.19								.11	.17	.36	.62	.22	.34	.10	.25			.03	.14	.35	.04	.46
BOWLING GREEN	-	-	-	-	-	-	-	-	-	-								.37	.45	.21	.42	.25	.09	.06	.50	.05		.05	.25	.95	.42	.45
BOWLING GREEN FAA AP	4.93		.03	.10			.15		.11	.10							.10	.27	.35	.03	.61	.01	.16	.35	T		T	.13	.82	.50	.58	.53
BRADFORDSVILLE	D 3.97			D .30			D .10	.15		.20								.20	.34	.40	.56	.12		.22	.15			T	.42	.29	.40	.12
BROWNSVILLE	5.01	T		.16	T		.20	.02		.17								.10	.69	.22	.38	.15	.08	.03	.30	T		T	.25	1.10	.71	.45
BURKESVILLE 2 W	3.47			.20	T		T	.26		.24								.24	.21	.32	.79		.14	.27	.18			T	.17		.15	.30
CAMPBELLSVILLE 2 SSW	4.18			.34			.18			.09								.02	.58	T	1.20	.29	.16	.13				.02	.54	.32	.31	T
CANEYVILLE	8.29			.30			.31			.37								.32	1.43	.24	.11		.14		.94			.05	.76	1.21	1.81	.30
CECILIA	6.43				T	T	.18	.03		.14							T	.48	1.07	T	.38	.03	.15	.15	.50			.02	1.65	.40	1.25	T
CLERMONT 1 SSE	5.69						.11			.15								.44	.86	.11	.15	.08	.01	.11	.42			.01	1.22	1.06	.95	.01
EDMONTON	3.92			.12			.20			.15								.12	.18	.78	.75	.10	.10	.23	.62		.10	.15			.32	
GAMALIEL 1 S	3.79	T		.12	.09		T	.05		.22								.20	.29	.42	1.03	.03	.11	.27	.40	T		.02	.11	T	.13	.30
GLASGOW	3.90		T	.01	.02	.02	.04	.04	.04									.12	.10	.54	.73	.25	.28	.24	.32		T	.01	.17	.41	.20	.36
GLASGOW WKAY	4.99			.17			.31	T	T	.21								.27	.55	.16	.82	.06	.46	.22	.36			.02	.43	.24	.42	.27
GLENDALE 1 E	6.25						.10	.09		.21								.20	.90	.40	.20	.22	.07	.07	.87			T	.18	1.28	1.10	.36
GREENSBURG	3.74			.31	T		.08	.08		.16								.18	.14	.35	.69	.20	.03	.24	.21	T		.03	.08	.56	.26	.14
GREENSBURG HIWAY 61	3.51			.28	T		.09	.08		.14								.17	.12	.39	.56	.31	.03	.26	.20	T		.01	.08	.49	.15	.15
HODGENVILLE-LINCOLN NP	5.20			T	T	T			.03									.26	.96	.08			.55	.70	.05					1.45	1.12	
IRVINGTON	6.25						.30			.15								1.04	1.03		.05	.02	.02	.14	.21			T	1.61	.42	1.25	.01
LEITCHFIELD 2 N	3.63		T							.04							.06	.46	.25		.11	.02	.04	.26				.03	1.12	.84	.40	T
LIBERTY	4.04			.32	.02		.06	.11		.17								.19	.35	.49	.46	.54		.19	.44			.05	T	.19	.13	.33
LOUISVILLE	4.89						.12			.14							T	.89	.64	T	.02	.03	.05	.10	.21			T	1.66	.32	.71	T
LOUISVILLE WB AP R	5.31				T		.30	T	.20	.01							.09	.95	.35		.07	T	.02	.25	.01		T	.06	1.42	.47	1.11	T
LOUISVILLE UPPER GAGE	5.88						.10	T		.25								.30	1.42	.18		.05	.02	.03	.42	T		T	.32	1.34	1.05	.40
MAMMOTH CAVE PARK	6.65			.20			.37			.17								.16	.76	.16	1.08	.07	.11	.34	.10			.01	1.60	.50	.92	.10
MILLERSTOWN	6.07			.20			.18	.13		.04								.10	1.07	.25	.39	.23	.12	.05	.57			.12	.40	1.03	.88	.31
MUNFORDVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOLIN RIVER RESERVOIR	4.85			.26			.05			.20								.10	.87	.24	.27	.13	.10	.02	.28			T	.30	.95	.75	.33
ROUGH RIVER DAM	6.14						.25	T		.20								.30	1.50	.17	.05	.10	.10	.05	.30	T		.12	.50	1.00	1.25	.25
SCOTTSVILLE 3 SSW	5.09			.28			.23											.44	1.23	.18	.71	.08	.51	.31	.32			.05	.18	.04	.45	.08
SCOTTSVILLE 2 SW	3.93	.03		.12	T		T	.05		.25								.15	.20	.70	.57	.26	.42	.10	.40			T	.20	.10		.38
SHEPHERDSVILLE	D 4.80						D .30	T		.23								.23	.96		.10	.08	.03	.02				T	.55	1.10	1.12	.08
SUMMER SHADE	4.63		T	.30			.14		T	.32								.16	.97		1.03	.03	.27	.30	.40			.03	.12	.05	.27	.24
WOLF CREEK DAM	3.55	.02		.01	.21		.47	.08		.27								.18	.30	.37	.72	.05	.08	.14	.15			T	.08		.15	.27
WOODBURY LOCK 4	6.06			.21			.16	.11		.24								.26	1.05	.35	.13	.05	.18	.06	.65	T		T	.40	.75	1.10	.36
* * * BLUE GRASS 03																																
BEREA COLLEGE	2.03			.10			.05	.01		.09								.23	.22	.23	.70	.03	T	.02	[illegible]			.03	.06	.02	.18	T
BEREA	2.35	.03		.09	.03		T	.10		.10								.21	.16	.34	.47	.30		.03	[illegible]	T		.03	T	.08	.06	.22
CARROLLTON LOCK 1	4.57						.02	T		.15								.39	1.15	.06		.02			.15	.02		T	.14	1.44	.80	.23
COVINGTON WB AIRPORT R	4.64				T		.09	.02	.07	T	T						.12	.88	.26		T	T	.09	.24	.02	T		.02	1.32	1.17	.34	
CYNTHIANA	3.91						.01	.09	T	T		T						.26	.63	.17	.05	.29		.06	.18	T		T	.14	1.37	.38	.28
CYNTHIANA 2	D 3.32						D .10	D .10										.25	.65	.13	.10	[illegible]		.05	[illegible]				.18	1.20		
DANVILLE	3.00			.03	T		.02	.03		.15								.40	.12	.49	.34	.21	T	.11	.15	T		.02	.01	.55	.12	.25
DIX DAM	3.30			T			.03			.14								.26			.88	.27		.10	.06			.02	.08	1.01	.27	.18
FALMOUTH 5 WNW	3.72						.04	.03		.06	T							.31	.62	.08	.07	.04		.08	.12	T		T	.21	.86	.82	.38
FARMERS 1 WNW	2.11	.05					.03	.02		.07								.27	.23	.18	.22	.35	.02	.04	.19					.09	.10	.25
FLEMINGSBURG	3.72						.02	.08		.05		T						.27	.54	.15	.07	.12	T		.21			T	.04	1.38	.46	.33
FLEMINGSBURG 1 SW	3.56						.03	.03	T	.03								.32	.56	.03	.16	.07		.12	.07				.97	.75	.34	.08
FORD LOCK 10	3.16	T					T	.14		T		T						.18	.30	.25	.22	.48	T	T	.04	T		T		.96	.28	.31
FRANKFORT LOCK 4	3.85						.03	.01		.11								.26	.55	.15	.04	.15	.01	.12	.15	T		T	.16	1.31	.58	.22
GEORGETOWN WATER WORKS	3.48						T											.34	.50	.16		.29	T	.08	.30				.10	1.00	.45	.26
GEST LOCK 3	2.39						.03	.13		T								.20	.27	.08	T	.09	T	.02	.13	T		T	.14	.53	.63	.14
HIGH BRIDGE LOCK 7	3.56	.02					T	.07		.11								.26	.35	.29	.23	.33	.03	.07	.05			T	T	1.21	.39	.15
KEENE 1 SSW	5.13						.18											.24	.48	.40	.36			.76				T		1.84	.56	.31
LA GRANGE 1 ESE	5.78				T		.50	T		.30						T	.85	.71	T	T	.04	T	.04	.07	.10		T	T	1.27	.43	1.45	.02
LANCASTER	2.90			.11				.13		.18								.24	.20		.82	.24		.04	.26					.34	.08	.26
LEXINGTON WB AIRPORT R	4.26			T	T		.17	.02	.02	.08	T						.02	.69	.61		.42	.01	.07	.11	T			.01	1.12	.35	.51	.05
LITTLE HICKMAN LOCK 8	2.88			.02			.03	T									.23	.19	.31	.30		.23		.08	.14			T	T	1.04	.11	.20
LOCKPORT LOCK 2	4.40						.07	.08		.10								.26	.79	.23	T	.09	T	.03	.23	T		T	.27	.92	.94	.39
MAYSVILLE SEWAGE PLANT	3.50						T	.08	.03	.05								.25	.55	.23	.04	.11	.05	T	.18	T		T	.07	1.02	.56	.28
MIDWAY	3.67						.07	.04		.13								.22	.50	.20	.05	.25		.12	.35				.06	.96	.46	.26
MOUNT STERLING	3.95						.20	.15	.09									.25	.82		.34	.19		.12				T	.80	.59	.40	
OWENTON 2 S	4.41						.14	.03	T	.14								.65	.69		.06	.05	T	.11	.09			.01	1.11	.38	.91	.04
RICHMOND	2.75						T	.14		.06								.23	.17	.50	.41	.29	.03	.04	.18			.02	T	.41	.10	.17
SALVISA LOCK 6	4.66						.08	.04		.16								.27	.53	.28	.27	.39	.02	.17	.11			.03	T	1.46	.49	.36
SHELBYVILLE	4.57						.03	.01		.10								.28	.76	.23	.01	.11	T	.05	.35	T		T	.25	1.06	1.03	.30
SPRINGFIELD	3.72			T			.10	T										.16	.44	.33	.30	.15	.05	.13	T			T	.09	1.29	.46	.22
TAYLORSVILLE	4.86						.06	.05		.15								.26	.80	.18	.03	T	.12	.12	.29			.02	.18	1.28	1.08	.24
TYRONE LOCK 5	3.45	T					T	T		.13								.21	.41	.24	.07	.23	T	.12	.22	T		T	.02	1.14	.46	.20
VALLEY VIEW LOCK 9	3.34			T			.02	.05		.13								.26	.30	.30	.28	.37	T	.08	.23	T		T		.90	.17	.25
WARSAW MARKLAND DAM	5.20						T	T	T	.15								.24	1.19	.11		.03	T	.04	[illegible]			T	.16	1.44	1.35	.32

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

KENTUCKY
JANUARY 1969

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	3.58			.30			T	.19		.14								.21	.35	.62	.49	.43	T	.03	.26			T	.04	.11	.12	.29
WILLIAMSTOWN 3 NW	3.84				T		.03	T	T	.04	T						T	.63	.43	.01	.16	.06	.01	.22	.08			T	.94	.47	.74	.02
* * *																																
EASTERN 04																																
ASHLAND	2.78	.05						.09		.07	T							.17	.27	.14	.10	.21		.04	.03				T	1.26	.15	.20
BARBOURVILLE	3.08	.03		T	.24			.14	T	.12								.09	.26	1.00	.59	.13	.02	.05	.10			.07	.01	T	.04	.19
BAXTER	2.98	.02		T	.19			.32		.11								.08	.23	.86	.53	.24	T	T	.09			T	.03	T	.05	.23
BLAINE 2 W	2.38									.40									.35	.25		.80								.23		.35
BUCKHORN	2.91	.06		.11	.17	T	T	.10	T	.13	T							.17	.08	.53	.68	.48	.02	.17	T			T	T	T	T	.21
BURDINE 2 NE	2.70			.10				.15		.45								.15	.05		1.30	.50										
CLAY CITY 1 WNW	3.45							.10		.10		.10						.25	.20	.45	.40	.35	.05	.05	.25					.75	.20	.20
COLLEGE HILL LOCK 11	2.29	T		T	T		T	.04		.08								.21	.07	.42	.38	.33	T	T	.08	T			T	.52	.04	.12
CUMBERLAND	3.09	.06		.20			.12	.35		.06	T							.09	.17	.75	.77	.25		.02	.04			T	T	T	.15	.06
CUMBERLAND FALLS ST PK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEWEY DAM	1.90			.05	.10			.13		T		T							.14	.36	.37	.52	.04		.04				T		.10	.05
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOURMILE KY UTIL PARK	3.17	.08		.03	.20			.20		.18								.09	.13	1.12	.54	.09		.07	.07			.08	.01		.03	.25
FREEBURN 2 SW	2.47	.08		.01	.21			.19	T	.04	T							.10	.32	.46	.48	.44		T	T				T	.01	.08	.05
FRENCHBURG	4.21			.01			.01	.15										*	*	*	*	*	*	1.98	.03	.98				.05	.60	.40
GRAYSON 3 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAZARD WATER WORKS	3.12			.21	.17			.17		.10								.15	.10	.75	.78	.48							T	.09	.03	.09
HEIDELBERG LOCK 14 R	2.22	.04		.06	.05			T		.05								.16	.11	.43	.48	.40	T	.11	.10			T	T	.04	.02	.17
HINDMAN 11 NNE	3.39			.16	.12			1.60		.05								.12	.08	.51	.35	.30										.10
HYDEN	3.48	.05		.22	.19			.18		.12								.17	.13	.85	.75	.45	.02	.05	.01			T		.06	.09	.14
JACKSON	2.16	.04		.05	.09			.06		.05								.10	.05	.12	.81	.42	T	.10	.07			T		.04	.03	.13
JEREMIAH	1.49				.30				.20												.14	.85										
LLOYD GREENUP DAM	3.32	T					T	.10		.10								.28	.34	.13	.02	.16		.08		.05		T	T	1.48	.30	.28
LONDON FAA AP	3.06		T	.21	T		.15	.03		.16							T	.30	.49	.21	.75	.06	T	.12	T			.02	.05	.10	.11	.30
LOUISA 2	1.61	.02			T			.05	.03	.02								.15	.10	.23	.30	.25		.03	.02					.18	.10	.13
MANCHESTER 4 SE	3.34			.15	.20			.18		.16								.17	.29	.59	.75	.33	T					.10			.15	.27
MARTIN	2.31	.10		T	.20			.12		T								T	.20	.45	.46	.56	T		T			T	.10			.12
MC KEE	3.19	.17	T	.15	.05			.14		.09								.20	.39	.39	.64	.34	T	.05	.18	T		T		.09	.09	.22
MIDDLESBORO	3.18				.13			.14		.12								.02	.22	.99	.84	.06	T	.08	.12	T		.08	.06	.05	.03	.24
MONTICELLO	2.69	.06		.11	.18			.16	T	.22								.18	.16	.42	.66	.06			.08			.07	.07	.03	.06	.17
MOUNT VERNON	3.32			.31			.10		T									.35	.59	.28	.85	.10		.10	.08			T	T	.30	.26	
ONEIDA	3.45			.27	.20					.26								.20	.20	.49	.78	.39			.15				.10	.05	.10	.26
PAINTSVILLE 1 S	1.60			.06				.12											.49	.36	.37	T								T	.10	.10
PIKEVILLE	1.42			.15			.02	T			T							.12	.11	.75	.01	.13			T			T	T	.04	.09	
RAVENNA LOCK 12	1.74	.02		.08	T	T	T	.05		.08								.22	.03	.29	.43	.35	T	.02	.04			T		.01	.01	.11
SALYERSVILLE 2 SE	2.18			.06			.15												.25	.35	.45	.49	.02		.06					.02	.14	.19
SOMERSET 2 N	D 4.55			0 .05			0 .25	.11										.24	.69	.79	1.46	.05	.10	.16	.10			.10	.12		.28	.05
STEARNS	2.65				.31			.15		.12								.09	.15	.72	.59	.06			.08			.10	.06	T	.06	.16
TILFORD	2.11			.27	T														T	.60	.42										.08	.74
TOMAHAWK 1 WSW	2.15	.09		T	.05			.15	T	.18								.07	.13	.30	.38	.55	.04		.04			T	T	.05	.05	.05
VANCEBURG	D 2.92						0 .05	T		0 .03								.47	.05	.12	.01	.05		.12			T	T	.88	.67	.46	.01
WEST LIBERTY	2.80	.03			T			.13	T	.05		T						.14	.21	.33	.56	.53	.04	.09	.05			T	T	.15	.22	.27
WILLIAMSBURG 1 E	2.22			.04				.03		.19									.22	1.00	.34	.09		.04				.12				.15
WILLOW LOCK 13	2.09	.03		.07	T			.04		.07								.22	.10	.37	.53	.37	T	.02	.05	T		T		.05	.02	.15

SPECIAL WEATHER SUMMARY **

The first half of January was cold and relatively dry, with a number of sunny days. The month's lowest temperatures came on the 4th or 5th, when many locations over the State reported below-zero readings; at least seven stations reported low readings ranging from 10° to 12° below zero. Most of the latter half of the month was mild, and rainy over the greater part of the State. For the month as a whole, precipitation totals were generally much above average in the extreme west and northwest, and below average over the southeastern two-thirds of the State. Snow fell on portions of the State on several days. That which fell toward the end of the first week was the most widespread. The heaviest fall reported was 12 inches at Fulton in southwest Kentucky during the evening and night of the 26th. Schools were closed in at least 15 counties on the 4th, and in at least 30 counties during the period from the 6th through the 8th.

Heavy rains toward the end of the month forced rapid rises on small streams in western and central sections on the 30th, and many roads in extreme western Kentucky were flooded on that date. On the 31st the Green River was near the flood stage along portions of the reach, and the Ohio River was near or rising toward bankfull along the western boundary of the Commonwealth.

At least one tornado and numerous thunderstorms were reported in the southwest on the 23d. Strong winds and large hail were observed at scattered locations in the counties of Caldwell, Christian, Hopkins, Todd, and Logan. There were no reported fatalities or injuries. Several barns were downed and there were reports of damage to other buildings, some trees, and utility lines.

**These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details see the accompanying tables; this month's issue of STORM DATA; the January and February 1969 issues of CLIMATOLOGICAL DATA NATIONAL SUMMARY (river and flood conditions).

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See Reference Notes Following Station Index

DAILY TEMPERATURES

KENTUCKY
JANUARY 1969

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	28	41	37	28	32	44	41	58	61	29	35	39	41	42	56	46	54	56	40	39	49	56	63	39	30	28	37	52	60	60	47	44.1
	MIN	13	15	22	8	9	29	22	25	24	15	18	15	30	24	30	39	41	37	36	32	35	36	39	24	20	20	24	34	51	47	32	27.3
BEAVER DAM	MAX	25	38	32	20	28	39	37	46	54	26	33	34	40	40	48	53	52	55	40	42	47	51	60	58	30	28	35	51	57	59	58	42.5
	MIN	10	10	19	2	-5	27	13	21	22	12	14	10	25	21	25	35	41	35	34	35	39	45	43	25	17	13	22	35	48	53	33	25.1
FORDS FERRY DAM 50	MAX	25	40	34	19	34	40	29	55	57	25	31	33	39	38	50	48	55	55	38	41	48	60	59	32	30	26	41	57	60	59	41	41.9
	MIN	11	14	12	6	9	28	18	25	20	13	16	16	26	24	29	37	40	34	32	32	37	43	32	22	20	20	24	40	52	34	32	25.7
GILBERTSVILLE 1 SE	MAX	27	40	39	23	33	43	42	58	64	29	35	37	40	43	50	50	54	55	40	44	49	58	62	58	31	30	37	52	58	62	45	44.8
	MIN	11	15	21	7	8	29	19	25	23	14	18	19	30	26	31	38	41	37	33	33	38	44	49	26	18	20	24	36	50	45	33	27.8
GOLDEN POND 8 N	MAX	26	28	41	34	22	36	43	35	66	31	29	35	37	41	45	52	54	55	54	40	44	50	59	64	34	33	29	45	53	62	60	43.1
	MIN	12	13	20	7	7	13	20	21	27	14	14	17	20	25	25	31	43	46	34	34	35	39	45	28	18	19	21	28	44	51	34	26.0
GREENVILLE 2 W	MAX	27	40	37	21	30	39	40	52	55	27	33	35	40	39	52	52	52	55	40	40	46	51	62	60	32	29	36	51	57	58	57	43.4
	MIN	9	10	21	-1	-5	28	15	22	23	11	16	12	24	21	26	35	41	39	33	34	38	44	44	25	16	14	22	35	48	53	33	25.4
HENDERSON 7 SSW	MAX	26	38	34	20	28	38	33	47	47	28	34	31	40	38	44	44	50	54	39	41	48	56	59	54	31	24	34	50	56	59	38	40.7
	MIN	12	14	15	5	7	28	15	23	20	11	16	15	26	22	28	36	40	33	32	32	37	43	44	21	18	16	20	34	49	38	32	25.2
HICKMAN 1 E	MAX	26	40	35	20	31	44	45	63	63	34	33	38	41	44	52	44	52	54	39	34	45	52	63	49	32	26	35	50	58	58	45	43.4
	MIN	12	14	17	7	6	30	21	23	23	14	14	14	29	23	28	39	43	35	30	29	33	44	49	22	19	18	21	32	50	45	32	26.3
HOPKINSVILLE	MAX	32	27	38	34	22	33	39	32	59	32	31	37	38	41	43	50	53	55	55	47	43	48	53	64	35	33	28	42	51	60	59	42.4
	MIN	12	12	15	5	6	12	20	20	26	14	14	18	18	25	25	29	37	45	34	34	36	40	45	30	17	17	19	26	42	50	33	25.0
LOVELACEVILLE	MAX	29	42	36	21	33	44	39	59	57	30	35	41	43	43	55	48	54	54	40	45	49	58	63	54	31	27	36	52	58	60	44	44.5
	MIN	12	13	21	7	8	29	19	24	23	14	15	13	30	24	29	36	41	34	32	30	36	46	51	25	18	18	23	35	51	44	32	26.9
MADISONVILLE 1 SE	MAX	27	40	35	18	31	40	38	51	57	28	35	34	41	40	50	52	53	55	40	43	47	53	62	58	30	28	37	51	57	60	47	43.2
	MIN	10	10	16	2	-1	27	14	20	20	11	15	11	22	18	26	30	38	33	32	32	38	43	45	23	16	13	20	34	47	44	30	23.8
MAYFIELD RADIO WNGO	MAX	34	46	39	26	30	43	41	61	65	35	37	45	47	48	58	48	53	54	39	48	49	63	64	64	36	30	36	52	59	62	48	47.1
	MIN	12	14	22	9	17	18	20	24	24	15	17	13	31	20	28	36	44	37	31	33	36	38	51	27	13	12	23	28	51	48	32	26.6
MURRAY	MAX	26	27	40	30	21	35	34	37	64	30	33	35	39	41	45	54	53	56	54	40	44	49	57	63	33	31	30	44	53	61	59	42.5
	MIN	13	16	19	7	8	17	21	21	27	15	15	20	22	22	26	32	42	47	33	34	34	40	47	27	19	19	23	28	44	53	34	26.6
OWENSBORO 2 W	MAX	26	38	36	20	31	37	34	44	40	26	34	32	43	43	50	46	51	52	39	42	46	53	57	50	30	26	37	47	55	57	45	40.9
	MIN	12	13	18	5	5	27	12	21	20	10	14	14	26	23	27	38	40	33	32	33	38	44	44	25	17	17	22	33	45	40	32	25.2
PADUCAH FAA AIRPORT	MAX	28	41	35	21	33	42	34	60	38	29	35	37	43	43	52	46	55	56	39	40	48	57	61	33	32	28	42	52	60	60	40	42.6
	MIN	12	15	14	8	10	30	21	25	20	15	17	16	26	25	29	41	42	34	32	31	37	46	33	23	19	20	24	42	52	34	32	26.6
PADUCAH	MAX	36	41	39	24	32	43	42	55	55	29	35	36	41	42	53	51	53	56	39	43	49	58	62	59	30	30	37	51	58	61	45	44.7
	MIN	14	16	24	7	10	28	20	24	24	14	17	16	23	22	29	35	40	36	32	31	36	44	50	23	19	20	22	35	50	45	30	27.0
PRINCETON 1 SE	MAX	27	41	39	22	32	39	39	55	58	29	35	37	41	43	50	50	51	54	39	43	48	55	63	62	32	32	38	51	56	62	50	44.3
	MIN	11	12	21	5	6	29	18	25	23	12	15	14	28	23	27	39	42	35	33	33	39	46	47	24	17	15	22	37	49	40	32	26.4
ROCHESTER LOCK 3	MAX	33	27	40	35	18	36	38	30	58	29	28	35	34	41	40	52	53	55	54	41	41	47	51	61	34	31	28	43	52	57	59	41.3
	MIN	13	12	12	1	-6	-3	19	17	29	14	13	11	12	18	24	28	41	45	35	30	37	40	45	31	20	16	18	21	42	51	34	23.2
RUSSELLVILLE	MAX	34	27	48	35	25	35	38	35	60	32	30	36	38	43	43	51	55	56	55	40	42	48	50	62	35	34	29	43	50	57	59	42.7
	MIN	10	10	13	6	6	10	19	18	26	12	12	11	11	19	23	27	39	44	35	35	35	40	45	32	15	9	14	20	40	49	35	23.2
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	24	34	32	20	27	36	34	40	50	26	33	29	37	34	44	53	48	53	38	42	44	52	54	54	29	28	33	48	57	57	57	40.2
	MIN	8	8	18	1	2	25	10	19	19	17	16	8	20	15	21	34	39	37	32	32	38	41	44	23	15	12	21	32	47	53	33	23.9
BARDSTOWN NAZARETH COL	MAX	26	32	32	28	32	34	34	38	50	28	30	31	34	32	44	51	49	50	40	42	43	51	55	53	28	26	31	48	55	56	56	40.0
	MIN	8	8	20	0	2	3	8	18	20	8	15	8	21	14	19	38	39	39	32	36	38	39	44	25	11	11	21	31	48	53	33	22.9
BARREN RIVER RESERVOIR	MAX	39	27	38	34	17	29	35	28	41	30	29	35	34	40	40	50	57	56	55	45	45	47	50	61	39	33	30	44	54	60	60	41.4
	MIN	11	11	15	5	1	4	17	18	28	14	14	12	11	20	20	27	37	43	36	36	39	40	44	37	18	14	16	26	43	49	37	24.0
BOWLING GREEN FAA AP	MAX	30	37	34	18	32	36	34	57	47	30	36	33	39	41	52	53	54	54	40	43	47	50	61	50	34	29	39	51	56	58	45	42.6
	MIN	11	13	12	6	3	28	18	25	19	14	19	15	25	22	26	37	44	38	36	36	40	42	42	22	18	17	26	39	49	39	37	26.4
BRADFORDSVILLE	MAX	32	32	38	33	18	32	35	39	55	33	33	35	35	39	43	54	57	56	54	42	46	46	53	51	38	33	30	46	56	58	58	42.3
	MIN	9	7	21	-10	-8	16	12	18	26	10	12	6	12	10	20	33	40	49	34	35	39	41	44	35	16	9	23	30	45	53	36	23.3
CAMPBELLSVILLE 2 SSW	MAX	26	37	38	33	18	35	35	41	53	28	34	35	38	38	50	55	54	54	49	47	48	50	56	56	32	30	34	53	57	58	58	42.9
	MIN	8	10	14	-5	-11	16	13	18	23	10	15	11	24	15	23	36	40	44	39	37	39	40	46	28	11	13	23	23	49	53	36	23.9
CECILIA	MAX	26	36	32	20	29	36	34	42	51	28	31	33	38	36	48	54	50	53	39	42	45	57	57	55	34	27	35	50	57	58	57	41.6
	MIN	8	9	19	2	1	25	11	19	22	10	14	10	22	15	21	33	39	39	37	33	39	40	42	25	13	13	22	33	45	53	34	24.1
CLERMONT 1 SSE	MAX	26	37	37	27	27	37	36	43	53	30	33	36	38	38	46	53	53	54	45	43	46	53	55	57	33	31	33	49	58	58	58	42.7
	MIN	7	10	20	0	-2	25	10	19	21	8	10	5	20	12	19	30	40	44	32	32	38	39	41	25	14	7	21	32	47	53	34	23.0
GLASGOW WKAY	MAX	25	36	31	15	29	35	35	43	57	28	33	33	38	39	50	55	55	53	43	45	46	49	58	56	33	27	37	51	55	57	55	42.0
	MIN	9	11	14	0	-1	27	16	17	21	11	15	14	17	17	25	37	41	43	34	35	38	43	44	27	16	14	23	36	49	53	35	25.2
GREENSBURG	MAX	47	29	40	34	18	35	36	29	55	32	32	37	37	42	42	52	57	56	55	40	47	46	51	57	38	35	30	45	54	58	60	42.8
	MIN	11	11	11	-5	-8	-3	18	17	27	13	13	10	10	16	16	25	30	43	35	35	39	40	44	37	18	13	13	27	43	52	38	22.2
HODGENVILLE-LINCOLN NP	MAX		36	37	25	25			43	53	28	33	32			48	54	52	53	48			50	55	56	31	30			56	56	57	43.5
	MIN	9	9	25	1	0			12	23	11	13	9			15	36	40	47	34			33	44	27	15	11	22			53	35	22.8
IRVINGTON	MAX	25	38	39	23	28	37	35	40	50	26	33		39	39	48	52	50	53	39	42	46	52	58	58	28	28	33	48	57	58	58	42.0
	MIN	9	8	22	2	0	8	10	20	20	9	11		22	17	21	34	40	36	32	33	39	43	45	24	15	11	22	32	32	53	33	23.4
LEITCHFIELD 2 N	MAX	25	36	32	26	28	37	33	44	53	22	32	33	38	37	47	53	52	52	54	43	45	51	59	58	31	27	34	50	56	58	55	42.0
	MIN	7	10	12	4	2	10	15	19	20	12	10	13	22	15	22	31	39	37	34	33	39	44	41	20	16	15	22	34	34	53	34	23.2
LOUISVILLE	MAX	25	36	36	23	27	36	36	39	51	29	34	35	35	37	42	53	53	55	42	41	45	52	56	56	31	31	35	50	60	58	59	41.9
	MIN	11	16	23	2	9	27	11	21	11	9	18	15	24	19	23	36	40	41	33	34	40	43	44	26	14	16	24	35	50	55	33	25.9
LOUISVILLE WB AP	MAX	25	35	32	18	33	37	31	52	47	28	34	32	36	35	45	54	53	54	40	42	45	53	56	53	31	28	36	51	59	59	42	41.2
	MIN	11	11	12	4	5	28	13	21	19	10	19	12	21	17	23	32	41	36	34	34	41	44	43	23	17	16	24	36	51	39	35	24.9
MAMMOTH CAVE PARK	MAX	26	39	35	23	28	35	35	45	56	28	33	33	39	39	50	54	54	54	46	44	45	51	59	58	32	30	35	51	56	57	57	42.8
	MIN	5	6	23	-3	-6	26	15	16	23	10	12	8	23	14	24	37	38	45	29	31	36	40	35	21	13	11	20	30	41	48	33	22.7

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NOLIN RIVER RESERVOIR	MAX	52	27	38	38	19	35	37	29	47	30	29	34	34	38	37	41	55	54	53	40	44	46	52	61	35	33	28	44	52	50	56	40.9
	MIN	9	9		15	-5		14	15	27	12	11	10	10	19	20	26		40	34	36	35		40	32	16	11	17	25	42	34	35	21.8
ROUGH RIVER DAM	MAX	30	26	38	32	20	35	34	27	53	28	28	34	34	40	38	48	53	54	54	39	42	46	52	59	32	30	28	42	51	56	59	40.1
	MIN	9	9	12	2	2	5	14	13	24	10	10	9	9	18	18	24	40	43	33	33	34	39	44	30	16	12	14	25	36	48	33	21.5
SCOTTSVILLE 3 SSW	MAX	27	37	33	21	31	36	37	50	59	28	36	34	40	41	52	56	54	55	48	44	47	49	60	58	31	30	36	51	55	58	57	43.6
	MIN	9	15	19	3	2	28	12	22	27	12	18	16	25	21	26	39	42	48	35	36	38	42	43	28	18	17	24	35	48	53	36	27.0
SUMMER SHADE	MAX	26	37	33	18	29	36	36	55	59	29	35	35	39	41	41	56	56	54	49	48	46	53	58	53	32	29	37	52	55	59	48	43.0
	MIN	9	12	13	-4	-3	26	13	13	20	11	14	14	24	17	25	34	42	48	35	36	39	43	48	27	16	14	13	36	48	47	36	24.7
WOLF CREEK DAM	MAX	44	30	39	34	22	37	38	32	61	37	34	37	38	42	42	49	57	58	54	45	49	47	51	58	44	36	31	46	55	60	62	44.2
	MIN	10	10	12	0	0	11	19	18	32	12	12	10	13	15	15	26	30	42	37	37	40	39	39	43	11	12	14	28	45	54	38	23.4
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	28	34	33	26	30	33	32	42	53	28	32	29	34	34	47	57	56	54	52	45	45	54	57	53	30	28	34	52	58	60	56	42.1
	MIN	9	10	23	1	-3	26	11	16	26	11	15	9	20	13	20	35	40	47	33	35	39	38	47	29	18	13	22	33	50	53	36	25.0
CARROLLTON LOCK 1	MAX	26	33	32	21	28	36	36	35	47	28	30	30	31	32	41	54	53	53	39	43	44	54	54	54	31	30	34	49	58	59	59	40.5
	MIN	8	10	21	3	1	27	11	18	21	7	15	5	19	11	20	33	39	38	33	31	37	38	46	26	14	13	21	33	48	53	34	23.7
COVINGTON WB AIRPORT	MAX	21	30	30	17	31	35	25	43	43	24	29	30	27	28	38	54	50	52	38	43	43	56	53	52	27	23	36	49	55	57	39	38.0
	MIN	9	11	11	3	3	24	11	17	17	7	13	7	14	12	20	33	40	34	32	32	38	41	45	21	15	12	20	33	49	37	34	22.4
CYNTHIANA 2	MAX	38	32	34	34	18	35	35	35	48	28	25	30	30	30	30	41	55	55	51	38	40	40	55	52	40	30	25	38	50	56		38.3
	MIN	10	10	11	1	1	3	10	10	25	8	8	3	3	6	8	20	25	40	33	33	35	35	33	38	9	10	12	20	35	33		17.6
DANVILLE	MAX	41	25	34	32	17	35	35	23	50	32	27	32	31	35	35	47	56	54	54	37	45	45	53	54	42	30	28	41	51	56	58	39.8
	MIN	9	9	11	3	0	0	13	11	21	11	11	10	10	14	13	20	33	41	33	33	36	38	39	41	18	13	13	22	40	49	35	21.0
DIX DAM	MAX	49	34	34	32	23	35	33	39	39	29	34	28	35	36	45	56	56	54	54	44	45	53	53	54	37	28	32	49	55	57	57	42.2
	MIN	8	12	23	2	2	22	9	18	27	10	8	10	20	14	20	31	39	46	33	33	39	37	44	31	16	22	18	30	47	52	35	24.5
FALMOUTH 5 WNW	MAX	23	34	33	18	28	36	33	35	48	25	31	33	30	31	40	57	50	53	39	41	44	57	55	51	35	26	35	46	56	58	56	39.9
	MIN	7	6	10	1	-3	25	11	16	20	8	9	0	10	3	10	30	38	37	32	31	37	35	34	24	12	9	18	24	45	53	35	20.2
FARMERS 1 WNW	MAX	27	34	34	35	30	36	34	34	34	27	32	33	35	33	43	57	54	57	53	43	47	55	60	54	31	30	35	46	61	61	59	42.1
	MIN	9	7	8	7	0	16	12	16	27	12	11	4	12	6	12	27	38	46	35	34	39	36	39	30	18	11	21	33	44	54	35	22.5
FLEMINGSBURG 1 SW	MAX	23	31	33	18	27	35	33	36	51	25	30	31	30	29	41	54	48	54	43	43	46	55	58	52	30	26	35	46	56	58	58	39.8
	MIN	8	9	18	3	-1	9	10	16	22	10	12	3	12	9	15	29	38	43	32	33	39	37	43	29	12	12	19	33	45	52	35	22.1
FRANKFORT LOCK 4	MAX	42	25	35	34	18	36	37	23	50	32	28	35	30	36	35	42	55	53	55	39	43	45	55	55	41	31	29	41	53	58	59	40.3
	MIN	9	9	9	4	2	3	12	11	22	10	9	7	7	13	13	21	29	41	34	34	31	37	32	36	17	12	12	23	40	50	36	20.2
LEXINGTON WB AIRPORT	MAX	23	33	34	17	31	36	28	47	48	26	32	28	34	34	44	57	51	55	38	45	46	55	54	53	30	27	36	51	56	58	43	40.3
	MIN	9	10	11	3	2	27	11	20	18	10	16	10	19	13	21	34	41	36	34	35	41	38	45	22	17	12	22	36	50	39	37	23.8
MAYSVILLE SEWAGE PLANT	MAX	43	23	32	34	20	31	35	22	47	35	32	31	25	31	30	41	55	53	54	40	43	46	57	59	49	30	26	40	53	58	59	39.8
	MIN	9	13	15	5	4	6	14	16	19	12	8	10	10	8	10	20	30	40	33	33	35	36	37	40	17	12	14	21	35	48	35	20.8
MOUNT STERLING	MAX	30	31	34	28	28	34	33	36	52	28	32	30	31	32	42	55	55	54	52	42	45	55	58	53	31	29	33	47	58	58	56	41.4
	MIN	8	10	19	3	3	25	11	16	27	11	14	7	16	11	13	30	39	47	33	33	38	38	33	29	17	12	21	32	47	53	35	23.6
OWENTON 2 S	MAX	23	34	31	22	26	35	35	37	47	25	31	30	34	35	42	55	52	52	38	42	43	55	52	52	29	29	33	47	55	57	56	39.8
	MIN	7	4	15	-2	-4	25	10	16	20	7	8	0	15	10	17	28	38	38	32	31	37	38	44	27	13	6	19	32	46	53	34	21.4
RICHMOND	MAX	40	26				29	34	23	52	33	29	34	28	35	33	44	57	52	53	39	43	44	54	56	41	33	27	43	52	58	59	41.1
	MIN	9	12			0	24	9	11	20	10	13	11	14	13	17	22	36	43	33	33	37	40	42	40	15	11	15	24	42	50	37	23.6
SHELBYVILLE	MAX	34	24	33	32	17	34	35	23	50	29	27	31	28	35	34	44	55	52	52	38	42	43	62	53	35	30	28	39	50	57	57	38.8
	MIN	8	9	13	1	1	3	9	9	22	8	8	7	7	13	13	21	34	40	32	32	33	38	41	34	15	12	12	21	37	49	34	19.9
WARSAW MARKLAND DAM	MAX	39	23	34	31	18	35	36	21	48	32	34	30	31	30	31	39	55	53	53	39	41	44	55	54	39	29	25	37	52	58	59	38.9
	MIN	0	2	13	4	2	1	14	11	18	9	6	5	4	13	12	21	31	37	34	33	34	37	37	38	17	10	13	14	36	45	35	18.9
WAYNESBURG 7 NE	MAX	28	35	31	24	27	31	30	40	40	28	31	33	35	35	49	56	53	53	53	46	45	57	53	51	30	28	38	51	55	58	57	41.3
	MIN	8	9	23	-4	-7	9	11	16	25	10	14	11	20	12	19	36	41	46	33	34	39	40	44	27	15	11	21	35	47	51	34	23.5
WILLIAMSTOWN 3 NW	MAX	27	32	31	31	26	35	34	34	46	29	30	30	29	30	40	54	50	52	37	40	43	55	54	52	35	25	34	47	55	57	56	39.7
	MIN	5	9	16	1	1	22	10	12	20	7	12	6	13	11	18	30	39	36	31	31	38	40	43	24	14	9	18	31	46	52	33	21.9
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	45	23	32	36	21	36	36	22	48	38	27	32	29	31	30	41	55	50	56	41	42	59	59	62	53	26	33	39	53	64	65	41.4
	MIN	10	8	14	7	3	4	18	9	19	18	10	4	7	12	8	15	27	38	34	34	34	35	38	41	16	14	14	20	33	49	37	20.3
BARBOURVILLE	MAX	45	28	38	43	31	34	35	28	56	43	33	37	38	42	41	52	58	55	60	60	54	48	55	57	60	36	35	44	54	60	66	46.0
	MIN	9	9	9	-2	-6	-6	18	16	23	12	12	8	8	11	10	19	25	38	44	39	24	35	35	39	19	11	10	10	39	46	38	19.4
BAXTER	MAX	42	26	33	35	24	31	32	30	49	47	32	37	36	38	40	52	54	55	54	50	49	49	56	59	61	35	35	39	54	57	66	43.8
	MIN	10	9	10	-1	-5	-5	26	18	20	14	12	5	12	11	11	19	27	36	45	41	40	38	41	47	19	12	12	25	34	45	41	21.6
BLAINE 2 W	MAX	43	25	33	35	22	34	37	29	57	45	27	22	33	32	31	42	55	50	58	40	43	47	60	64	56	35	30	36	56	67	67	42.3
	MIN	10	5	5	2	-3	0	24	14	19	17	10	1	1	4	4	10	20	31	34	31	32	33	32	37	13	8	10	21	33	54	40	17.8
CUMBERLAND	MAX	47	36	33	28	31	33	32	47	55	31	37	34	37	38	53	56	55	57	55	58	48	50	57	68	54	34	40	58	63	65	63	46.9
	MIN	4	5	17	-4	-10	18	16	11	29	15	11	4	11	6	10	24	38	41	40	40	38	36	34	48	16	8	26	38	48	51	49	23.2
DEWEY DAM	MAX	44	27	31	34	20	29	35	23	55	44	27	30	31	32	29	40	53	51	56	39	44	47	53	53	62	46	30	38	55	67	67	41.7
	MIN	10	8	8	3	-4	-3	22	16	19	18	13	5	5	7	7	12	24	35	37	35	38	35	34	38	20	18	11	22	36	47	41	19.9
GRAYSON 3 SE	MAX																																
	MIN																																
HEIDELBERG LOCK 14	MAX	32	33	35	34	27	35	33	34	49	37	34	34	36	35	44	57	57	55	52	44	48	56	60	55	36	34	32	46	68	66	59	43.8
	MIN	10	6	28	-1	-8	26	15	17	30	10	11	4	14	7	14	25	37	45	37	35	40	40	38	35	15	9	24	31	45	51	38	23.5
HINDMAN 11 NNE	MAX	44	24	30	35	19	37	35	24	54	49	28	32	31	32	30	39	56	59	60	39	42	49	56	64	64	35	35	35	58	68	70	43.0
	MIN	10	8	8	-2	-6	1	15	10	20	15	14	6	7	8	8	13	23	30	37	35	37	33	32	36	18	11	21	22	33	47	[illegible]	19.0
HYDEN	MAX	44	24	35	35	21	34	35	33	53	42	30	35	33	36	36	48	57	57	59	44	46	49	58	62	62		35	42	58	66	[illegible]	44.6
	MIN	9	8	8	-4	-9	-9	28	15	21	14	13	7	9	9	10	17	25	35	43	37	39	39	39	39	19		[illegible]	25	30	30	[illegible]	19.8
JACKSON	MAX	45	25	36	34	22	33	35	25	55	39	30	35	36	36	35	47	59	55	60	42	44	47	57	63	58	36	32	36	56	65	67	43.4
	MIN	10	8	9	-2	-6	-5	10	11	21	15	12	6	6	9	9	18	26	37	38	36	40	38	38	40	20	11	12	22	33	48	[illegible]	19.6

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	23	32	32	14	27	32	32	48	54	27	32	34	35	36	48	56	51	55	44	46	46	52	55	52	32	29	34	52	56	66	50	41.4
	MIN	7	9	7	-8	-12	26	14	18	19	11	12	8	20	15	20	19	39	44	36	36	39	36	40	23	16	10	23	34	48	48	37	22.4
MANCHESTER 4 SE	MAX	33	37	35	30	31	34	33	43	54	32	37	35	38	40	43	51	57	60	55	47	47	55	61	57	36	33	35	56	60	68	59	44.9
	MIN	9	8	18	-8	-12	16	16	16	29	11	13	5	16	8	12	17	24	48	39	37	42	37	36	33	16	9	24	34	48	51	37	22.2
MC KEE	MAX	42	24	28	32	21	33	33	22	38	34	29	33	32	34	34	52	54	53	39	42	44	45	54	55	52	33	30	40	53	59	63	39.9
	MIN	8	5	5	-7	-12	-11	13	13	22	5	7	4	5	6	6	17	35	35	35	38	38	36	35	35	14	8	7	23	39	50	36	17.7
MIDDLESBORO	MAX	43	27	37	38	22	29	34	26	52	45	32	32	38	38	42	50	54	51	54	51	46	48	51	53	60	35	35	37	49	53	62	42.7
	MIN	10	10	10	5	-5	-3	25	17	24	14	13	9	9	11	11	19	31	37	47	43	40	40	44	46	21	15	15	26	35	43	41	22.7
MONTICELLO	MAX	27	37	34	22	32	35	35	42	54	30	35	34	38	39	51	59	54	58	52	52	46	50	54	56	34	30	36	55	56	61	57	43.7
	MIN	9	10	22	-3	-7	27	17	17	26	13	13	9	23	14	21	31	41	49	36	36	40	41	47	30	17	11	24	35	48	54	37	25.4
MOUNT VERNON	MAX	26	37	34	27	31	32	32	40	52	28	32	33	37	39	47	57	53	53	52	46	46	57	55	52	32	29	33	57	55	59	56	42.5
	MIN	8	9	22	-3	-11	25	13	17	26	12	14	7	19	10	21	35	40	47	34	35	44	40	47	29	17	9	20	30	45	51	33	24.0
PIKEVILLE	MAX	36	35	36	33	30	37	37	37	44	33	38	35	40	35	45	58	56	60	52	45	50	63	66	68	42	35	39	59	72	72	59	46.7
	MIN	12	12	20	4	12	22	21	22	32	25	26	22	14	24	25	31	41	49	39	40	42	44	51	40	30	31	32	37	55	56	50	31.0
SOMERSET 2 N	MAX	27	35	34	26	29	34	33	43	41	31	36	33	37	38	49	57	54	57	47	47	46	52	54	53	34	29	34	52	56	60	55	42.4
	MIN	9	10	22	-12	-10	25	16	17	26	12	13	9	21	15	19	30	46	39	35	36	41	39	45	29	18	11	28	34	48	55	38	24.6
STEARNS	MAX	34	33	31	35	33	39	38		52	51	40	33	32	37	40	35	53	57	45	41	47	52	51	53	51	32	36	35	52	56	63	42.9
	MIN	8	3	1	4	-2	10	18		24	12	10	12	15	15	12	20	31	37	39	36	38	40	40	41	16	13	17	21	34	47	37	21.6
TOMAHAWK 1 WSW	MAX	45	24	31	35	20	28	36	25	56	45	28	31	30	33	33	40	55	57	56	39	43	39	57	65	63	35	30	38	57	68	68	42.3
	MIN	8	4	6	1	-4	-3	20	12	18	15	10	1	2	4	3	10	20	34	35	34	34	31	31	35	15	8	9	21	35	41	38	17.0
VANCEBURG	MAX	27	28	31	25	24	32	32	27	33	26	25	28	28	28	37	52	51	51	48	39	44	52	60	54	37	35	35	41	56	57	57	38.7
	MIN	7	6	19	4	-3	17	13	10	25	11	9	0	7	3	7	21	35	38	32	30	35	32	35	29	14	16	16	25	40	49	34	19.9
WEST LIBERTY	MAX	43	26	35	34	23	34	32	22	52	35	28	34	35	38	34	46	58	52	54	42	40	47	58	63	47	29	35	34	56	64	65	41.8
	MIN	10	7	7	5	-1	-1	16	16	22	16	12	3	3	6	6	12	24	39	34	33	33	33	33	35	15	9	9	20	31	49	39	18.5
WILLIAMSBURG 1 E	MAX	59	38	37	35	31	35	37	41	58	33	37	36	40	42	53	58	53	59	53	48	48	51	53	60	38	37	34	54	56	67	65	46.6
	MIN	9	9	11	-1	-2	24	16	20	32	14	14	9	23	13	18	30	40	48	38	40	42	42	46	34	20	11	24	33	46	53	37	25.6

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	22	3.9	11.6	29++	19	30	70	73	61	65	6	6	4	1	2	0	19	-	7.5
LEXINGTON WB AIRPORT	20	3.4	10.7	24++	29	30+	73	78	62	66	4	8	4	3	1	0	20	-	7.5
LOUISVILLE WB AIRPORT	23	2.0	9.7	34	SW	06	68	72	60	62	5	6	5	1	2	0	19	40	7.8

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BEAVER DAM	SNOWFALL			-			-																					-				
	SN ON GND			1	1	1	4	4	1																							
FURDS FERRY DAM 50	SNOWFALL			T	T	T	1.3	.4	T																			1.3				
	SN ON GND			T	T	T	1	T	T																			1				
HENDERSON 7 SSW	SNOWFALL						1.0																		T		1.5	1.0				
	SN ON GND						T																				2	1				
HOPKINSVILLE	SNOWFALL				T		1.7																					1.5				
	SN ON GND						2	T																				2				
MURRAY	SNOWFALL						.3																					4.5	T			
	SN ON GND						T																					4	T			
OWENSBORO 2 W	SNOWFALL				T		3.5																		T			2.0				
	SN ON GND						3	1	1																T			2				
PADUCAH FAA AIRPORT	SNOWFALL		T	T		T	T																		T		2.0	2.0				
	SN ON GND						T																					4				
RUSSELLVILLE	SNOWFALL			-			-	-																				-				
	SN ON GND			-			-	-																				-				
* * * CENTRAL 02																																
BARDSTOWN NAZARETH COL	SNOWFALL						-																		-							
	SN ON GND						-																		-							
BOWLING GREEN FAA AP	SNOWFALL		T	T			2.0																		T		T	1.0				
	SN ON GND				T	T	T	T																				1				
CAMPBELLSVILLE 2 SSW	SNOWFALL			4.5			2.0																					1.0				
	SN ON GND			-	-	-	-	-	-																			-				
IRVINGTON	SNOWFALL						-																									
	SN ON GND						-																									
LOUISVILLE WB AP	SNOWFALL				T		3.0	T																	T		T	.2				
	SN ON GND						2	1	1																			T				
	WTR EQUIV						.2																									
MAMMOTH CAVE PARK	SNOWFALL			2.5			4.0																					.1				
	SN ON GND			2	2	1	5	4	2	T	T	T	T	T	T	T												T				
MILLERSTOWN	SNOWFALL			2.5			2.0	1.0																				1.5				
	SN ON GND			3	2	2	4	6	3	T	T																	2				
SUMMER SHADE	SNOWFALL			-			-																		T			T				
	SN ON GND			1	1	1	3	2																								
* * * BLUE GRASS 03																																
BEREA COLLEGE	SNOWFALL			1.0			1.0	.2																				.3				
	SN ON GND			1	1	1	2	2	1																			T				
COVINGTON WB AIRPORT	SNOWFALL				T		.6	.2		T	T														T	T		.2				
	SN ON GND				T	T	T	T	T		T	T														T		T				
	WTR EQUIV																															
CYNTHIANA	SNOWFALL						.1	2.2	T			T														T		T	T			
	SN ON GND						T	2	1																			T				
DANVILLE	SNOWFALL			.7	T		.3	.6																				.3				
	SN ON GND			1	T	T	T	1	1																			T				
FARMERS 1 WNW	SNOWFALL						.3	1.0		.5																						
	SN ON GND						T	1	1																							
GEST LOCK 3	SNOWFALL							-																								
	SN ON GND							-																								
LEXINGTON WB AIRPORT	SNOWFALL			T	T		1.3	.3			T														T			.3				
	SN ON GND			T			T	1	1																			T				
	WTR EQUIV																															
MAYSVILLE SEWAGE PLANT	SNOWFALL						T	1.3	T																			T				
	SN ON GND						T	1	1																			T				
WILLIAMSTOWN 3 NW	SNOWFALL				T		.5	.1			T														T			T				
	SN ON GND						1	1																	T							
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL			2.0			1.5	4.0			T																	T				
	SN ON GND			2	2	1	2	5	T		T																					
DEWEY DAM	SNOWFALL			T	.8			2.0																					T			
	SN ON GND				1	1	1	3																								
HAZARD WATER WORKS	SNOWFALL			-	-			-																								
	SN ON GND			2	4	2	1	3	1																							
HEIDELBERG LOCK 14	SNOWFALL			-	-			-																								
	SN ON GND			1	2	1	1	1	1																							
LONDON FAA AP	SNOWFALL		T	2.8	T		1.5	T																				T				
	SN ON GND			1	3	3	3	3	3	T	T																	T				
MIDDLESBORO	SNOWFALL							-																				-				
	SN ON GND							3																				1				
MONTICELLO	SNOWFALL			.6	1.5			2.0																				1.0				
	SN ON GND			1	2			3																				1				
PIKEVILLE	SNOWFALL			T			.2	T			T																	T				
	SN ON GND						2	2	1		T																					
SOMERSET 2 N	SNOWFALL			.5			2.5																									
	SN ON GND			-	-	-	-																									

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BARDSTOWN NAZARETH COL																																	
4 INCHES	MAX	38	34	33	33	33	34	34	34	32	32	32	32	32	32	32	32	34	40	42	39	40	44	44	45	45	36	35	37	43	48	48	37.1
	MIN	34	33	33	32	32	33	34	32	32	32	32	32	32	32	32	32	32	34	39	37	38	40	42	41	36	34	34	34	34	44	43	34.9
20 INCHES	5 PM	43	42	41	41	41	40	40	40	39	40	39	39	39	39	39	39	39	39	41	40	40	41	43	43	43	42	41	40	41	42	44	40.6
BEREA COLLEGE																																	
4 INCHES	MAX	37	34	33	33	33	33	33	33	33	33	33	33	33	33	33	34	34	39	39	39	39	41	43	43	44	37	34	37	41	45	46	36.6
	MIN	34	33	33	33	33	33	33	33	33	33	33	33	32	32	32	33	32	34	39	38	38	39	41	43	37	34	34	34	37	41	44	35.2
20 INCHES	5 PM	42	41	40	39	39	39	38	38	38	38	38	38	37	37	37	37	37	37	38	38	38	39	40	41	41	40	40	39	40	40	41	38.9
CAMPBELLSVILLE																																	
4 INCHES	MAX	37	37	37	36	35	35	35	37	36	37	36	35	35	35	35	35	35	35	35	35	35	36	36	36	36	35	36	36	36	36	36	35.7
	MIN	36	36	36	35	34	35	34	35	35	35	35	34	35	34	34	34	34	34	34	34	35	35	36	36	35	35	35	35	35	36	36	34.9
20 INCHES	6 PM	42	40	40	40	38	38	39	39	39	39	39	38	38	38	37	38	38	39	39	40	40	40	42	42	42	41	40	40	40	41	41	39.6
CUMBERLAND GAP PARK																																	
4 INCHES	MAX	38	36	34	34	34	33	33	33	34	33	33	33	33	33	33	33	33	37	40	40	41	42	43	45	43	40	37	34	44	44	45	37.0
	MIN	36	34	34	34	33	33	33	33	33	33	33	33	33	33	33	32	32	33	37	38	40	41	42	43	40	37	33	34	37	41	44	35.6
20 INCHES	5 PM	43	42	41	41	40	40	40	40	39	39	39	39	39	39	38	38	38	39	40	41	41	42	43	43	44	44	42	42	42	43	44	40.8
FLEMINGSBURG 1 SW																																	
4 INCHES	MAX	35	33	31	31	31	30	30	31	30	30	30	30	29	30	29	29	29	29	29	29	32	38	40	41	39	34	33	31	39	44	44	32.9
	MIN	32	31	31	31	30	30	30	30	30	29	30	29	29	29	29	29	29	29	29	29	29	32	38	39	33	32	31	31	31	39	41	31.3
20 INCHES	6 PM	41	41	40	40	39	39	39	39	38	38	38	38	38	37	37	37	37	37	37	37	37	37	37	37	38	38	38	38	38	38	40	38.2
GLASGOW WKAY																																	
4 INCHES	MAX	42	37	37	36	36	35	35	37	38	38	36	35	35	35	36	38	40	43	43	41	42	44	45	45	44	39	37	40	44	46	46	39.5
	MIN	37	36	35	35	35	35	35	35	37	36	35	34	34	34	34	36	38	40	39	39	41	42	44	44	39	37	37	37	40	44	45	37.7
20 INCHES	6 PM	43	43	42	41	41	40	40	40	40	40	40	39	39	39	39	39	40	41	41	41	42	43	43	43	43	42	41	42	42	43	43	41.1
GREENVILLE 2 W																																	
4 INCHES	MAX	42	36	35	35	35	34	34	34	35	35	34	34	34	33	33	34	39	43	44	42	43	44	46	47	44	39	36	40	45	49	48	38.9
	MIN	36	35	34	34	34	33	34	34	34	34	34	33	33	33	33	33	34	39	41	41	42	42	44	44	39	36	36	36	40	45	45	36.9
20 INCHES	5 PM	43	43	42	42	41	41	40	40	40	40	40	39	39	39	39	39	39	40	42	41	42	42	43	44	44	43	43	42	42	44	45	41.4
HENDERSON 7 SSW																																	
4 INCHES	MAX	41	39	37	37	37	37	36	36	36	36	36	36	36	36	36	36	40	44	44	43	43	44	46	46	44	39	38	39	45	50	50	40.1
	MIN	39	37	37	37	37	36	36	36	36	36	36	36	36	36	36	36	36	40	42	41	42	41	44	44	39	38	37	37	38	45	45	38.5
20 INCHES	6 PM	44	44	43	42	41	40	40	40	40	40	40	40	40	39	39	39	39	40	41	41	41	42	43	44	43	42	41	40	41	43	45	41.2
IRVINGTON																																	
4 INCHES	MAX	40	40	40	35	35	34	34	34	35	35	34	39	33	33	33	33	33	41	42	38	41	44	47	47	41	36	36	36	41	50	50	38.4
	MIN	40	40	35	35	34	34	34	34	34	34	34	33	33	33	33	33	33	33	38	37	38	41	44	41	36	35	35	36	34	41	44	36.1
20 INCHES	6 PM	42	42	40	40	40	38	38	38	37	37	37	36	36	36	36	36	36	36	36	36	37	38	39	41	40	39	38	38	38	40	42	38.2
LEXINGTON CAMPUS FARM																																	
BARE GROUND																																	
1 INCH	MAX	31	32	32	30	31	31	31	33	34	32	32	32	32	33	34	38	39	45	38	41	43	53	52	45	37	36	35	39	50	54	48	37.8
	MIN	22	22	22	16	15	28	26	27	30	19	21	18	24	21	24	32	35	36	33	33	38	38	44	37	31	27	32	33	39	48	40	29.4
2 INCHES	MAX	32	32	32	30	31	31	31	32	33	32	32	30	32	32	32	33	37	43	37	39	43	51	51	47	37	36	35	36	49	53	46	37.0
	MIN	26	24	25	19	17	28	27	27	32	21	22	19	25	22	25	31	33	36	33	33	37	38	44	37	35	31	34	33	36	49	40	30.3
4 INCHES	MAX	34	32	32	30	30	31	31	32	32	32	31	30	31	31	31	32	34	39	35	37	41	46	47	48	40	37	36	36	46	51	48	36.3
	MIN	32	29	30	25	23	29	29	29	32	26	26	23	27	25	27	31	32	35	33	33	36	38	44	40	37	36	36	34	34	46	41	32.2
8 INCHES	MAX	37	34	34	33	32	32	32	32	33	32	32	31	32	32	32	32	33	33	33	35	39	44	47	50	43	38	38	37	44	48	48	36.5
	MIN	34	33	33	32	32	32	32	31	32	32	31	30	30	30	31	32	32	33	33	33	35	38	44	43	38	38	37	34	34	44	43	34.4
SOD																																	
1 INCH	MAX	35	32	33	32	31	32	32	32	33	32	32	31	32	33	32	33	33	36	36	38	41	45	47	48	41	37	36	40	45	49	47	36.6
	MIN	32	31	32	31	30	31	31	32	32	31	31	30	30	30	31	32	32	33	34	34	38	39	44	41	37	36	36	35	40	45	43	34.3
2 INCHES	MAX	36	33	33	32	32	32	32	33	33	32	32	32	32	32	32	32	33	36	36	38	41	44	47	47	41	37	36	39	45	48	47	36.6
	MIN	33	32	32	32	31	32	32	32	32	32	32	31	31	31	31	32	32	33	34	35	38	39	44	41	37	36	36	35	40	45	43	34.7
4 INCHES	MAX	37	33	33	33	32	32	32	33	33	33	32	32	32	32	32	32	32	35	36	38	40	43	46	47	42	39	37	38	44	47	46	36.5
	MIN	33	33	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	34	35	38	39	43	42	38	37	37	35	38	44	43	34.9
8 INCHES	MAX	39	36	35	35	34	34	34	34	34	34	34	34	34	34	34	34	34	35	36	38	40	41	45	47	41	39	38	37	42	45	45	37.3
	MIN	36	35	35	34	34	34	34	33	34	34	33	33	33	33	33	33	33	33	35	35	38	39	41	41	38	37	37	36	37	42	43	35.7
20 INCHES	7 PM	41	40	40	39	39	39	39	38	38	38	38	37	38	37	37	37	37	37	37	38	39	39	39	39	39	39	39	39	40	42	42	38.7
40 INCHES	7 PM	46	45	45	45	45	44	44	44	44	43	43	43	43	43	43	42	42	42	42	42	42	42	43	43	43	43	43	43	43	42	43	43.2
MAYFIELD RADIO WNGO																																	
4 INCHES	MAX	41	41	41	40	40	40	38	36	35	33	33	33	33	34	38	38	40	39	38	39	39	-	48	50	50	50	49	50	-	51	49	40.9
	MIN	40	40	38	37	38	38	35	34	33	32	32	32	32	33	33	37	38	38	38	38	38	-	47	49	49	49	48	49	-	49	46	39.3
20 INCHES	5 PM	44	44	42	41	40	40	41	40	40	39	37	37	37	38	40	39	40	39	38	39	40	-	44	45	46	44	46	41	-	47	45	41.1

DAILY SOIL TEMPERATURES

Station			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
PRINCETON 1 SE																																		
4	INCHES	MAX	38	35	34	34	34	33	33	33	33	33	33	33	33	33	33	33	38	42	42	40	40	49	45	45	42	36	36	38	44	48	48	37.8
		MIN	35	34	34	34	33	33	33	33	33	33	33	33	33	33	33	33	33	38	39	39	40	40	44	42	36	35	34	35	39	43	43	35.9
20	INCHES	5 PM	44	43	42	42	41	41	40	40	40	40	40	40	40	40	39	39	39	40	41	41	42	43	44	45	44	43	42	41	42	44	45	41.5
OUICKSAND																																		
4	INCHES	MAX	38	34	32	33	32	33	32	33	34	33	33	34	32	32	32	33	32	37	37	38	40	44	45	46	45	38	37	37	44	47	47	36.9
		MIN	34	32	32	32	32	32	32	32	32	32	32	32	32	31	32	32	32	32	37	37	38	40	43	44	36	34	36	34	36	44	45	34.9
20	INCHES	4 PM	40	39	38	38	38	37	37	37	37	37	37	36	36	36	36	36	36	36	36	36	36	40	41	40	40	41	39	39	39	39	40	37.8
SOMERSET 2 N																																		
1	INCH	MAX	38	33	33	33	33	33	34	33	38	38	34	32	33	33	36	39	40	45	45	41	43	44	46	46	42	39	35	40	45	48	48	38.7
		MIN	32	32	32	32	32	33	33	33	32	32	32	31	31	32	31	33	38	43	41	39	40	42	43	42	35	33	34	35	40	45	44	35.7
4	INCHES	MAX	39	34	34	34	34	34	34	34	38	38	34	33	33	33	35	38	40	43	45	42	42	44	45	45	43	40	35	40	44	47	46	38.7
		MIN	34	33	34	33	33	34	33	34	34	34	33	32	33	33	33	34	38	40	42	41	41	42	44	42	37	34	35	35	40	44	44	36.5
20	INCHES	6 PM	44	43	42	42	42	42	41	41	42	42	41	41	40	40	40	40	41	42	43	43	44	44	45	45	45	44	42	42	43	45	46	42.5
WILLIAMSTOWN 3 NW																																		
4	INCHES	MAX	39	37	36	35	35	35	35	35	35	35	36	35	35	35	35	35	35	35	34	34	36	39	41	41	42	38	36	36	40	45	41	36.8
		MIN	37	36	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	34	34	34	34	35	38	41	38	36	36	36	36	40	39	35.8
20	INCHES	6 PM	42	42	41	41	40	40	40	40	40	40	39	39	39	39	39	38	38	38	38	38	38	38	38	40	40	40	40	39	39	40	42	39.5

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN S.J. PREP SCHOOL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	50[illegible]		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
#COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	86[illegible]	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		7A			OTHO KELLER
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			KENTUCKY UTILITIES
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	303[illegible]	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	319[illegible]	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH CUMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	650	6P	6P		GH	WAYDE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			HONUS S SHAIN, JR.
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.+E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	116	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	625		7A		C	JOE M. SLAYDEN
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		7A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	WM C JARRELLS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IOELL F. DEERING
SEBREE	723[illegible]	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	732[illegible]	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	733[illegible]	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	747[illegible]	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	760[illegible]	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
FEBRUARY 1969
Volume 64 No. 2

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	45.8	31.2	38.5		57	21	20	13	734	0	0	14	0	1.80		.48	28	3.1	3	15	5	0	0
BEAVER DAM	46.3	29.3	37.8		60	8	15	13	757	0	0	18	0	1.62		.54	6		5	17+	5	1	0
FORDS FERRY DAM 50	44.2	31.3	37.8		57	8	20	13	757	0	1	15	0	.76	- 2.57	.24	6	5.6	5	16	2	0	0
GILBERTSVILLE 1 SE	47.1	31.7	39.4		58	8	18	13	710	0	0	15	0	1.83		.47	6	3.0	3	15	5	0	0
GOLDEN POND 8 N	45.4	31.0	38.2		58	9+	19	13	743	0	2	16	0	1.56		.61	6				5	1	0
GREENVILLE 2 W	46.5	29.5	38.0	- 1.4	60	8	14	13	748	0	0	17	0	2.06	- 1.65	.49	6		7	16	6	0	0
HENDERSON 7 SSW	44.4	30.8	37.6	- 1.0	57	8	19	13	761	0	1	17	0	1.60	- 1.91	.55	28	7.0	5	15	4	1	0
HICKMAN 1 E	45.0	30.6	37.8		56	7	21	19	754	0	1	16	0	2.53		.60	22	5.1	2	16	8	1	0
HOPKINSVILLE	45.8	29.9	37.9	- 1.8	59	9	19	14+	754	0	1	19	0	2.64	- 1.37	.65	16	7.5	7	16	6	2	0
LOVELACEVILLE	46.8M	30.8	38.8M	- 1.4	57	21	17	13	730	0	0	16	0	2.01	- 2.12	.48	28		5	16+	7	0	0
MADISONVILLE 1 SE	46.0	30.0	38.0		59	21	16	13	747	0	0	15	0	1.69		.41	16	4.0	4	16	7	0	0
MAYFIELD RADIO WNGO	49.1M	30.6M	39.9M		62	21+	17	13	703	0	0		0	2.81									0
MURRAY	45.4	30.9	38.2	- 2.7	60	8	20	13	745	0	1	17	0	2.48	- 1.61	.53	6	2.5	2	16	8	1	0
OWENSBORO 2 W	46.1	30.5	38.3	- .1	60	21	18	19	741	0	0	16	0	1.64	- 1.74	.55	28	7.5	6	16	5	1	0
PADUCAH FAA AIRPORT	44.7	31.1	37.9		56	21	20	13	753	0	0	15	0	1.65		.43	28	5.3	4	16	5	0	0
PADUCAH	46.3	31.3	38.8		56	8	22	13	731	0	0	15	0	1.60	- 2.16	.46	22	2.5	3	16	6	0	0
PRINCETON 1 SE	46.1	30.7	38.4	- 1.4	59	21	15	13	737	0	1	14	0	1.85	- 2.13	.45	28+	5.0	5	15	4	0	0
ROCHESTER LOCK 3	44.8	28.9	36.9		60	9	18	14	781	0	2	19	0	1.70		.34	16		5	16	6	0	0
RUSSELLVILLE	45.9	28.3	37.1	- 1.8	61	9	14	13	772	0	0	19	0	3.31	- 1.01	1.05	16				8	4	1
DIVISION			38.2	- 1.5										1.95	- 1.92			4.8					
* * *																							
CENTRAL 02																							
ANCHORAGE	45.1	27.6M	36.4M	.0	57	8	15	13	796	0	1	20	0	1.46	- 1.72	.40	6	4.1	3	16	6	0	0
BARDSTOWN NAZARETH COL	43.4	27.8	35.6		55	8	17	14+	813	0	3	18	0	0 1.53		.54	6	3.5			6	1	0
BARREN RIVER RESERVOIR	45.8	28.5	37.2		60	22+	15	13	773	0	0	19	0	2.95		.57	1	5.5	5	16	6	3	0
BOWLING GREEN FAA AP	45.3	30.5	37.9	- 2.2	61	8	19	13	753	0	1	17	0	3.02	- 1.10	.77	6	7.0	5	17+	8	2	0
BRADFORDSVILLE	45.8	26.9	36.4		60	22	12	14	796	0	2	22	0	1.89		.57	16				6	1	0
CAMPBELLSVILLE 2 SSW	46.5	29.3	37.9		58	21	16	13	751	0	0	19	0	2.77		.66	6	7.0			7	2	0
CECILIA	45.3	28.5	36.9	- .2	58	8	16	13	782	0	2	19	0	2.04	- 1.82	.50	6	6.3	5	16	7	1	0
CLERMONT 1 SSE	47.4	26.1	36.8		58	22+	11	27	787	0	0	22	0	1.42		.56	16	4.5	5	16	4	1	0
GLASGOW WKAY	45.1	28.8	37.0		58	21	15	13	780	0	1	18	0	3.11		.90	6	6.0	6	16	9	2	0
GREENSBURG	45.9	27.1	36.5	- 2.3	60	22	16	14+	793	0	1	19	0	2.50	- 1.47	.90	16	7.3	7	16	6	1	0
HODGENVILLE-LINCOLN NP	47.4M	27.8M	37.6M		58	8+	12	14		0	0		0	2.05		.62	6	6.5			6	2	0
IRVINGTON	46.7	28.1	37.4	- 1.0	58	22+	16	13	767	0	1	19	0	1.33	- 2.27	.37	8	5.0			4	0	0
LEITCHFIELD 2 N	44.5	27.2M	35.9M	- 3.1	56	8+	15	19	828	0	1		0	2.18	- 1.81	.67	16				6	1	0
LOUISVILLE	47.4	30.9	39.2		59	21	20	19	713	0	0	18	0	1.08		.34	9	2.0	2	16	5	0	0
LOUISVILLE WB AP R	44.2	29.6	36.9	1.1	58	8	20	14+	778	0	0	19	0	1.65	- 1.64	.56	28	6.3	2	18+	5	1	0
MAMMOTH CAVE PARK	46.4	26.0	36.2		58	21	4	13	801	0	0	22	0	3.09		.74	6				8	2	0
NOLIN RIVER RESERVOIR	45.3	26.4	35.9		59	22+	14	14+	810	0	0	19	0	2.08		.46	6	4.5	5	17	6	0	0
ROUGH RIVER DAM	44.3	26.6	35.5		59	22	15	13	820	0	2	21	0	1.59		.60	16	6.0	6	16	4	1	0
SCOTTSVILLE 3 SSW	47.2	30.8	39.0		60	21+	18	13	722	0	0	16	0	3.37		.89	6	6.5	6	16+	7	3	0
SUMMER SHADE	45.9	29.4	37.7		58	21+	15	13	760	0	0	18	0	3.22		.82	6	6.5	5	16	6	3	0
WOLF CREEK DAM	46.3	27.3	36.8		60	22	15	13	784	0	0	20	0	3.51		1.23	16				9	3	1
DIVISION			37.0	- 1.7										2.28	- 1.56			5.6					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	45.2	28.8	37.0	- 2.2	58	21	16	14+	776	0	0	18	0	2.01	- 1.75	.60	6	6.6	3	17+	5	2	0
CARROLLTON LOCK 1	45.4	27.1	36.3		55	22	14	14	798	0	0	21	0	1.40	- 1.61	.74	9	2.1	1	17+	4	1	0
COVINGTON WB AIRPORT R	40.9	26.4	33.7	.6	53	21	16	14+	872	0	4	22	0	1.27	- 1.64	.88	8	.3	T	17+	3	1	0
CYNTHIANA 2	43.3M	22.7M	33.0M		57	22	10	14	879	0	1	22	0	0 1.33				2.0	2	16		0	0
DANVILLE	43.9	26.0	35.0		57	22	16	15+	837	0	1	20	0	1.97	- 2.01	.58	16	5.2	5	16	6	1	0
DIX DAM	45.5M	27.5M	36.5M				17	14+	792	0	1		0	1.31		.47	16	4.5	4	16	5	0	0
FALMOUTH 5 WNW	43.6	23.3	33.5		54	21	7	14	875	0	1	22	0	.92	- 2.33	.42	9	1.0	1	17+	2	0	0
FARMERS 1 WNW	45.9	26.5	36.2	- 1.6	56	21	11	14+	800	0	1	21	0	1.32	- 2.31	.44	7				5	0	0
FLEMINGSBURG 1 SW	43.3	26.9	35.1		55	21	13	14+	831	0	2	19	0	1.45		.49	6	2.5	2	16	6	0	0
FRANKFORT LOCK 4	43.9	25.1	34.5	- 2.9	56	9+	10	15	849	0	1	24	0	1.31	- 1.91	.64	9	2.0	2	17	3	1	0
LEXINGTON WB AIRPORT R	43.4	28.9	36.2	.4	55	21+	15	14	799	0	2	19	0	1.60	- 1.82	.55	6	6.1	2	17	6	1	0
MAYSVILLE SEWAGE PLANT	43.1	26.0	34.6	- 1.5	55	23+	15	14	845	0	1	22	0	1.46	- 1.93	.85	9	1.2	1	17+	2	1	0
MOUNT STERLING	45.8	27.9	36.9		56	22+	15	14+	781	0	0	19	0	1.09	- 2.59	.41	6		5	17	6	0	0
OWENTON 2 S	44.8	23.5	34.2		56	22+	8	13	858	0	0	25	0	1.36		.38	9				5	0	0
RICHMOND	43.5	26.8	35.2		56	22+	14	13	830	0	2	22	0	1.85		.48	9	3.7	2	18+	5	0	0
SHELBYVILLE	42.4	25.5	34.0	- 3.0	55	9+	16	15+	860	0	2	23	0	1.45	- 2.09	.42	9	2.6	2	18+	5	0	0
WARSAW MARKLAND DAM	42.0	24.6	33.3	- 2.9	54	22	14	14	879	0	1	21	0	1.56	- 1.72	1.02	9	.7	1	17	3	1	1
WAYNESBURG 7 NE	44.5	27.9	36.2		57	21	12	13	798	0	0	20	0	2.11		.62	16	5.0	5	16	6	1	0
WILLIAMSTOWN 3 NW	43.8	26.9	35.4	- .5	53	5	14	13	823	0	1	21	0	1.27	- 2.12	.44	9	1.0	1	17+	4	0	0
DIVISION			35.1	- 2.4										1.48	- 2.08			2.9					
* * *																							
EASTERN 04																							
ASHLAND	43.2	25.2	34.2	- 4.4	55	22	10	15	856	0	1	22	0	1.11	- 1.96	.35	7	T	0		4	0	0
BARBOURVILLE	46.6	25.8	36.2		65	3	12	15+	803	0	0	22	0	4.84		1.22	16				9	5	1
BAXTER	45.0	26.0	35.5		62	3	12	15+	821	0	0	21	0	4.69		.95	16	7.0	7	16	7	5	0
BLAINE 2 W	44.1	22.6	33.4		56	3	8	15+	877	0	0	23	0	1.90		.45	23				5	0	0
CUMBERLAND	45.4	26.3	35.9		60	21	8	14	810	0	0	21	0	3.94		1.05	16	18.5	6	16	9	3	1

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See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 14

CLIMATOLOGICAL DATA

Continued

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	43.5	25.6	34.6		57	3	10	15+	844	0	2	21	0	1.79		.50	7		4	17	4	1	0
GRAYSON 3 SE	43.2M	23.1M	33.2M				8	15+	886	0	1	21	0			.43	7	1.0	T	17+		0	0
HEIDELBERG LOCK 14 R	47.3	26.8	37.1		59	22	10	14	775	0	0	20	0	1.90	- 2.10	.59	7		3	16	5	1	0
HINDMAN 11 NNE	44.1	25.0	34.6		58	3	10	15+	844	0	0	21	0	1.99		.70	7	3.7	3	17	6	2	0
HYDEN	45.4	25.5	35.5		62	3	10	15	823	0	1	21	0	3.08		.80	16	6.0	2	17+	7	2	0
JACKSON	44.9	24.8	34.9		58	22	11	14	837	0	1	20	0	2.03		.48	16+		2	17+	6	0	0
LONDON FAA AP	42.6	26.4	34.5		62	2	13	14	847	0	3	21	0	2.49		.55	15	6.6	5	17+	7	2	0
MANCHESTER 4 SE	47.1	26.5	36.8		64	2	10	14	783	0	0	21	0	2.85		.86	16	4.0	4	16	6	2	0
MC KEE	42.6	22.0	32.3		58	3	7	15	908	0	3	24	0	2.22		.56	16	7.5	5	18+	6	1	0
MIDDLESBORO	44.6M	26.7M	35.7M		61	3	13	15+	815	0	0	20	0	6.41		1.68	16		9	16	7	6	4
MONTICELLO	46.8	28.7	37.8		64	2	15	19	757	0	0	20	0	3.95		1.18	16	6.0	5	17	8	3	1
MOUNT VERNON	45.4	25.5	35.5		57	21+	10	14	823	0	1	21	0	3.15		.70	16		2	17+	5	2	0
PIKEVILLE	48.1	30.4	39.3		64	21	14	14	717	0	0	18	0	2.00	- 1.80	.55	6	3.4	1	16	8	1	0
SOMERSET 2 N	45.7M	27.7M	36.7M		58	2	13	13	788	0	0	19	0	4.81		1.26	6	7.2	5	16	9	4	2
STEARNS	43.6M	25.2M	34.4M		63	3	15	15+	849	0	2	23	0	4.81		1.38	16				9	4	1
TOMAHAWK 1 WSW	44.3	22.2	33.3		60	3	6	15+	884	0	1	23	0	1.84		.55	9	4.2	3	17	6	1	0
VANCEBURG	41.7	22.6	32.2		52	22+	7	14	915	0	2	23	0	.58	- 2.82	.39	6	T	0		1	0	0
WEST LIBERTY	44.8	25.4	35.1		59	22	11	15+	830	0	1	23	0	1.51		.43	7		2	17	5	0	0
WILLIAMSBURG 1 E	48.9	27.8	38.4	- 2.4	64	2+	14	14	738	0	0	20	0	4.91	.49	1.35	16		6	16	10	5	1
DIVISION			35.3	- 4.2										2.99	- 1.04			5.4					

SPECIAL WEATHER SUMMARY**

Temperatures for the month as a whole ranged from slightly above average in the north-central area to 1° to 2° below average over much of the balance of the State. Precipitation - which with several exceptions fell on Saturdays and Sundays - totaled near average in the south-central and southeast, but was below average in most sections. Scattered thunderstorms occurred on the 8th, and some of the precipitation that fell was in the form of hail - reported by Weather Bureau Cooperative Stations in at least two locations, Frankfort and Richmond. It was a relatively cloudy month, 17 to 20 of the days being cloudy.

There was relatively little snowfall in the extreme north and in the northeast, but over the balance of the Commonwealth some of the precipitation that fell was in the form of snow. Snowfall was much above average in parts of the west and south. In some locations totals for the month were equal to or greater than average annual totals. The snowfall of the 15th and 16th was the heaviest of the season to date, totaling 12 inches or more at several southern locations. This heavy snow resulted in hazardous driving conditions, closing of a number of schools, and in the temporary closing of airports in some areas.

Heavy late-January rains forced river levels of the Ohio and several tributaries in western Kentucky to near or above flood stage. Levels continued to rise in February, but had fallen to about normal levels by month's end. The Green River rose to just above flood stage at Calhoun, and the Rough River to just above flood stage at Dundee. Damage stages were not attained along Barren and Green Rivers except at Lock and Dam 2 at Calhoun on the Green River. There was minor damage and a total of about 20,000 acres flooded along the Green and Rough Rivers. Along the lower Ohio River along the western border of Kentucky, the water was near or above flood stage from the 1st of the month until past mid-month. More than 100,000 acres were flooded in the several states along the lower Ohio, with damage ranging from minor to moderate. At some locations along the lower Ohio, the river reached its highest February level since 1952.

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**These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details see the accompanying tables; this month's issue of STORM DATA; the February 1969 issue of CLIMATOLOGICAL DATA NATIONAL SUMMARY (river and flood conditions).

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
FEBRUARY 1969

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																
WESTERN 01																																
BARDWELL 4 E	1.80	.07	.01	.02		T	.22		.20				T			.30	.02						.46	.02			T		.48			.
BEAVER DAM	1.62	.08	.06				.54		.10							.28	.24	T					.08	.06					.18			.
CALHOUN LOCK 2	1.38	.21		.02			.25	.09	.11	.25							.25	.05						.15	T		T					.
COBB	1.28	.23	T	T			.50	T	T								.15							.40	T	T						.
DAWSON SPRINGS	.59	T	T	T			.20									T	.35						T	.04					T			.
DUNDEE 4 ESE	1.60	.08					.40	.06	.05	.15							.52	.05	.03					.26								.
DUNMOR	2.39	.25		.06			.53	.20		.04							.86							.45								.
ELKTON 2 S	3.28	.45		.10			.55	.22	.24	.05						T	1.10	.05						.52								.
FORDS FERRY DAM 50	.76	.03		.02			.24	.02	.08	.03			T	T			.08	.02						.21		T			.03			.
FRANKLIN 1 E	3.04	.49	.06	.08			.48	.33	.29	.09							.58	.18						.46								.
GILBERTSVILLE 1 SE	1.83	.06	T	.03			.47		.12	T			T			.38	T			T	T		.36	T			T		.41			.
GOLDEN POND 8 N	1.56			T			.61	.08	.18	T						.04	.12							.24					.29			.
GREENVILLE 2 W	2.06	.23	.02				.49	.01	.06	.02						.21	.28						.33	.05					.36			.
HARTFORD 6 NW	1.43		.03	T			.39	.03	.05	.09	T		T	T			.52	T	T					.32								.
HENDERSON 7 SSW	1.60	.01	.01				.32	T	.08	T			T			.40	.04	T					.18	.01				T	.55			.
HICKMAN 1 E	2.53	.23				T	.42		T							.21	.31						.60	T			.12	.22	.42			.
HOPKINSVILLE	2.64	.40	.01	.01			.54	.14	.30	.02						T	.65	.06					.07	.44								.
LOVELACEVILLE	2.01	.05		.10			.22		.22							.44	.10						.40						.48			.
MADISONVILLE 1 SE	1.69	.12					.30	.20	.10	.30						T	.41						T	.26					T			.
MAYFIELD RADIO WNGO	2.81	.30		.35			.45		.08			T		T	T	*	.60			T	T	T	.46	.49		T	.02		.06			.
MURRAY	2.48	.34	.02	.03			.53	.06	.21							.26	.19						.25	.23					.36			.
OWENSBORO 2 W	1.64		T				.25	.08	.21				T	T			.35	T						.20					.55			.
OWENSBORO DAM 46	1.46	.03		.03			.22	.04	.03	.15			T				.72	.04	T					.20					T			.
PADUCAH FAA AIRPORT	1.65	.05	.03			.02	.12		.25				T			.32	.04						.39						.43			.
PADUCAH	1.60						.22		.16							.26	.12						.46						.38			.
PARADISE STEAM PLANT R	1.46	.13					.43	.10	.09								.41	.04						.26								.
PRINCETON 1 SE	1.85	.08	.04	.02			.38	.02	.09							.45							.31			.01		T	.45			.
ROCHESTER LOCK 3	1.70	.21		.05			.33	.27	.08	.03							.34	.12						.27								.
RUSSELLVILLE	3.31	.52		.10			.60	.15	.17								1.05	.17						.55								.
SEBREE	1.89	T	.03	T			.35	T	.16	.03							.52						.20	.25					.35			.
UNIONTOWN DAM 49 //	.68	T		.02			.32	.01	.06	.02	T			T	T		.05	T						.20	T				T			.
* * *																																
CENTRAL 02																																
ADDISON DAM 45 //	1.48	.04		.03			.31	.04		.42			T	T			.15	.12	.10	T	T			.27	T				T			.
ALBANY 4 N	4.26	.94	.45				.31	.35	.09	.10							1.11	.09	.08					.74								.
ANCHORAGE	1.46	.03	.04	.01			.40	.05	.26								.20	.10	.02				.04	.18					.13			.
BARDSTOWN NAZARETH COL	D 1.53	.13	.04				.54	.03	.08	.10							.21	.04	.03				.01	.17					D .15			.
BARREN RIVER RESERVOIR	2.95	.57	T	.08			.41	.52	.15	.08							.55	.09	.01					.49								.
BOWLING GREEN	3.33	.55	T				.62	.28	.07	.15							.70							.48					.48			.
BOWLING GREEN FAA AP	3.02	.05	.11	T		.10	.77		.24	T			T			.44	.28	T	T				.48					T	.55			.
BRADFORDSVILLE	1.89	.03					.33	.22	.10	.43			T				.57							.21					T			.
BROWNSVILLE	2.35	.32		.05			.51	.25	.05	.04	T			T			.71	.05	.02					.35	T							.
BURKESVILLE 2 W	3.94	.61	.30	.07			.35	.36	.15	.34							1.00	T	.16					.60								.
CAMPBELLSVILLE 2 SSW	2.77	.32	.33				.66	.01	.11	.03			.01			.05	.06	.58	T				.24	.02	T	T			.35			.
CANEYVILLE	2.08	.16					.46	.21	.09	.13							.73							.30								.
CECILIA	2.04	.09	T	T	T		.50		.15	T			T	T		.13	.45	.06	T			T	.13	.10					.43			.
CLERMONT 1 SSE	1.42	.03	.04	.01			.41	T		.18	.01		T	T			.56	.02	.02				.01	.12					.01			.
EDMONTON	2.44	.52					.42	.52									.48	.20		.05				.25								.
GAMALIEL 1 S	3.87	.67	.32	.06			.36	.41	.26	.10	T			T	T	.97	.01	T						.71	T							.
GLASGOW	D 3.13	.54		.16			.56	.33	.22				T			T	.800	.10						.42								.
GLASGOW WKAY	3.11	.26	.18				.90		.23							.30	.30	.01	.02				.25	.16					.50			.
GLENDALE 1 E	1.61	.20	T				.40	.22		.17							.40		T					.22								.
GREENSBURG	2.50	.37	T	.04			.31	.32	T	.13				T			.90	.05	.03					.35	T							.
GREENSBURG HIWAY 61	2.68	.41		.13			.23	.40	.26	.03				T			.80	.07	.03					.32	T							.
HODGENVILLE-LINCOLN NP	2.05	.18	T				.62	T	T	.05			T			.10	.57						.12	T					.41			.
IRVINGTON	1.33	T	T				.30		.37	.07			T				.26	.01					.06	.08					.18			.
LEITCHFIELD 2 N	2.18	.12		.01		.04	.42	.21	.01	.31	T		T			T	.67	.02	.06					.30	.01							.
LIBERTY	2.28	.35		.05			.26			.53							.80	.08	.04					.17								.
LOUISVILLE	1.08	T	T	T			.14	T	.13	.34			T				.30	T	.02				T	.15					T			.
LOUISVILLE WB AP R	1.65	T	.01	T			.37		.26	T			T	T		.01	.22	.07	T				.14	.01	T				.56			.
LOUISVILLE UPPER GAGE	1.45	T		.02			.26	.15		.72			T				.03							.27	T							.
MAMMOTH CAVE PARK	3.09	.39	T				.74	.04	.11	.09						.29	.59	.02	T			T	.28	.10					.44			.
MILLERSTOWN	1.90	.18		.06			.43	.02	.04	.10							.62	.10	.12					.23								.
MUNFORDVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			.
NOLIN RIVER RESERVOIR	2.08	.28	.03				.46	.32	.04	.12							.45	.07	.04					.27	T							.
ROUGH RIVER DAM	1.59	.06					.40	.04	T	.17			T	T			.60	.07	.05		T			.20								.
SCOTTSVILLE 3 SSW	3.37	.58	.15	.06			.89	.04	.24							.60	.04						.30	.09					.38			.
SCOTTSVILLE 2 SW	3.22	.55	T	.17			.60	.40	.20	T							.75	T						.55								.
SHEPHERDSVILLE	-	.04					.28	.04	T	.38	T			T			.35							-					T			.
SUMMER SHADE	3.22	.36	.02				.82	.02		T						.60	.52	.05					.42	.06					.35			.
WOLF CREEK DAM	3.51	.52	.18	.08			.31	.24	.14	.10							1.23	T	.15					.56								.
WOODBURY LOCK 4	2.36	.22		.05			.51	.31	.10	.04	T			T			.57	.16	.03					.37		T						.
* * *																																
BLUE GRASS 03																																
BEREA COLLEGE	2.01	.26	.01	T			.60	.01	T	.26			.03	T			.51	.01	.02				.01	.06	T		.01		.22			.
BEREA	1.90	.26	.01	.02			.14	.45	.01	.35	.02		T	.01			.42	.08	.04					.06	.02	T		.01				.
CARROLLTON LOCK 1	1.40			.04			.10	.21		.74			.03	T			.05	.04	.03					.16	T							.
COVINGTON WB AIRPORT R	1.27	T	.02	.02			.22	T	.88	.01			T	T			T	T					.01	.11		T	T	T	T			.
CYNTHIANA	1.38	.08		.04			T	.35		.52			.01				.04	.07	.08					.19				T				.
CYNTHIANA 2	D 1.33	*	*	.33			.16	.32		.12							.20							.20								.
DANVILLE	1.97	.15	T	.02			.19	.35		.49			T	T			.58	.02	.05					.12	T							.
DIX DAM	1.31	.13		T			.24	.29		.02			T	T			.47							.16								.
FALMOUTH 5 WNW	.92	T		.03	T		.02	.22		.42	T		T	T			.09	.06	T					.08	T		T	T				.
FARMERS 1 WNW	1.32	.16		.04	T		T	.44		.31			T	.01			.12	.08	T					.16	T	T	T	T				.
FLEMINGSBURG	1.53	.12	T	.02			.02	.54		.47	.01		T	.01			.16	.08						.10			T					.
FLEMINGSBURG 1 SW	1.45	.12	.01	T			.49	.06	.12	.36			T	.01			.18	T					T	.10		T	T		T			.
FORD LOCK 10	1.06	.12	T	T	T		.02	.49		.11	T		T	T			.08	.11	.02					.11	T							.
FRANKFORT LOCK 4	1.31	.03		.02			.09	.20		.64	T		T	T			.07	.05	.04					.17	T		T					.
GEORGETOWN WATER WORKS	1.40			T			.14	.26		.63			T				.13	T	T					.24								.
GEST LOCK 3	.61	.03		.02			.07	.18		.04	T		T	T			.03	T	.03					.21			T					.
HIGH BRIDGE LOCK 7	1.14	.10		T			.14	.30		.14			T				.28	.04	.02					.12	T							.
KEENE 1 SSW	1.03	.17					.16	.36									.21							.13								.
LA GRANGE 1 ESE	1.55	.02	.06	.02			.37	.01	.28	.13	.03		T	T			.36	.06					T	.21	T	T		T	T			.
LANCASTER	1.92	*	*	.23			.30	.43		.34							.49							.13								.
LEXINGTON WB AIRPORT R	1.60	.06	.01	.02			.55		.23	T			.02	T		T	.14	.06					.13	.11	T				.27			.
LITTLE HICKMAN LOCK 8	1.29	.09					.15	.38		.15							.38	.07						.07								.
LOCKPORT LOCK 2	1.24	T		.07			.06	.29		.46			T	.03			.05	T	.09					.19			T					.
MAYSVILLE SEWAGE PLANT	1.46	.04		.06			T	.33		.85			T	T			.05	.05						.08	T		T					.
MIDWAY	1.22	.06					.11	.32		.38							.11	.05	.01					.18								.
MOUNT STERLING	1.09	.15	T	T			.41		.14	T			T	T			.16	.11						.12	T	T	T		T			.
OWENTON 2 S	1.36	.03	.03	.04			.30	.03	.10	.38			T	.02			.15	.08						.20								.
RICHMOND	1.85	.16	T	.02			.22	.46	T	.48	T		.03	T			.30	.04	.03					.08	.03							.
SALVISA LOCK 6	1.46	.15	T	T			.20	.31		.11			.04	T			.22	.04	.14					.25								.
SHELBYVILLE	1.45	.06		.01			.20	.29	T	.42			T				.17	.02	.09					.19								.
SPRINGFIELD	1.32						.33	.30									.39	.09	T					.21								.
TAYLORSVILLE	1.39	.10		.01			.22	.20		.44			T	T			.25	.03	T					.13	.01							.
TYRONE LOCK 5	1.02	.09		T			.15	.28		.10			T	T			.14	.04	.04					.18	T							.
VALLEY VIEW LOCK 9	1.02	.11		.01			.15	.39		.09			T				.13	.03	.04					.07	T							.
WARSAW MARKLAND DAM	1.56	T		T	T		.03	.22		1.02			T	.02			.02	.04	.06					.15	T							.

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	2.11	.31					.33	.28	T	.41							.62	T						.16								
WILLIAMSTOWN 3 NW	1.27	.01	.01	.05	.01		.20	.04	.14	.44	.06		T	T			.07	.03						.20		T	T		.01			
* * *																																
EASTERN 04																																
ASHLAND	1.11	.19		.02	T			.35		.28	.05		T					T						.22	T							
BARBOURVILLE	4.84	.63	.73	.20			.12	.50		.44	T			T			1.22	.17	T					.83	T	T			T			
BAXTER	4.69	.75	.83	T	T		T	.84	T	.52	T			T	T		.95	.31						.49		T	T					
BLAINE 2 W	1.90			.35				.40		.35							.35							.45								
BUCKHORN	2.16	.55	T	.05	T		T	.40	T	.32	.04			T			.60	.02						.15	.03	T	T	T				
BURDINE 2 NE	4.15	.85	.20	.10				.60			.10		.05	.05			.90	.60	.40					.30								
CLAY CITY 1 WNW	1.90	.20	.05	T			.05	.45		.45				T			.40	.05						.20	.05							
COLLEGE HILL LOCK 11	1.05	.11		T			.02	.51		.23			T	T			.10	.02	T					.06	T							
CUMBERLAND	3.94	.74	T	.06			.56	.17	.41	.28	.06		.05	.07			1.05	.07					.12	.14	.04	T	T		.12			
CUMBERLAND FALLS ST PK	3.31	.40	.60				.35	.06		.20	.25					.50	.10		.10				.10	.15		.35			.15			
DEWEY DAM	1.79	.35	T	.04	.05			.50	T	.40	.07		T	.02			.03	.25	T					.08	T							
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FOURMILE KY UTIL PARK	5.32	.82	.86	.04			.14	.63		.58	.06						1.24	.18	.02					.75								
FREEBURN 2 SW	2.31	.54	.13	.05	.02			.64	.02	.40	.06			.05				.17						.17	T	.05	T	.01				
FRENCHBURG	1.68						.10	.63		.60	.04								.31													
GRAYSON 3 SE	-	-						.43		.37				.02			T	.08						.08	T			T				
HAZARD WATER WORKS	3.39	.57	.14	.11				.54		.25				.03			.82	.32						.24	.02				.35			
HEIDELBERG LOCK 14 R	1.90	.35	T	.06			T	.59		.33	T			.02			.32	.09						.14	T	T	T					
HINDMAN 11 NNE	1.99	.12						.70	.12	.12	.05						.65	.15						.08								
HYDEN	3.08	.74	.18	.05			.03	.48	.01	.24	T			T			.80	.11						.43	.01							
JACKSON	2.03	.45	T	.08			T	.48	T	.25	.03			.01			.48	.10						.15	T							
JEREMIAH	2.36	*	1.30					.37									.64							.05								
LLOYD GREENUP DAM	.93	.11		.03	.02			.38		.32			T	T										.04	.03							
LONDON FAA AP	2.49	.19	.07	.04			.54	T	.27	.03			T	T		.55	.36	.01	T				.22	.01	T				.20			
LOUISA 2	1.45	.28						.30		.45	.06			.02			.02	.18						.14			T					
MANCHESTER 4 SE	2.85	.59	.16	.07				.49		.20				T			.86	.09						.39								
MARTIN	2.13	.52	.10					.58	T	.40	T			T			.10	.33						.10								
MC KEE	2.22	.36	.01	.07			.18	.30	T	.45			T	T			.56	.09						.20	T							
MIDDLESBORO	6.41	1.01	1.08	.03			.06	1.05	T	.71	T			T			1.68	.18	.04					.57	T							
MONTICELLO	3.95	.60	.35	.02			.23	.39		.45							1.18	.10	.09					.54								
MOUNT VERNON	3.15	.45	.03	T			.65	.05	.09	.34	.07		.07	.02		.07	.70	T	.02				.07	.08	T				.44			
ONEIDA	2.44	.48		.06			.05	.40		.47				.03			.63	.05						.27								
PAINTSVILLE 1 S	2.01	.10	.10	.35	T			.56		.52			T	.03				.25						.10								
PIKEVILLE	2.00	.16	.04	.06			.55	.14	.07	.34			T				.14						.12	.15	.01	T			.22			
RAVENNA LOCK 12	1.42	.23		T			.04	.49		.24	T		T	T			.15	.07	.02					.17	.01	T	T	T				
SALYERSVILLE 2 SE	1.54	.34		.08				.55		.15								.26						.16								
SOMERSET 2 N	4.81	.52	.58				1.26	.03	.09	.20						.20	1.09						.24	.31					.29			
STEARNS	4.81	.68	.76	.15			.17	.45		.25	T						1.38		.23					.74								
TILFORD	2.63						T	1.05		.23					T	T	.97						.10						.28			
TOMAHAWK 1 WSW	1.84	.37		.05				.40	.05	.55	T		T	T			.12	.20						.10	T							
VANCEBURG	.58	.02	.06	T			.39	.05	.04	.02			T																			
WEST LIBERTY	1.51	.23		.05	T			.43		.28	.03		T	.06			.24	.07	T					.10	.02		T	T				
WILLIAMSBURG 1 E	4.91	.60	.60	.58			.18	.39		.26	.10						1.35	.10	.06					.69								
WILLOW LOCK 13	1.70	.28	T	T			.05	.52		.30			T	T			.25	.06	.04					.18	.02		T					

EXTREMES

HIGHEST TEMPERATURE BARBOURVILLE	65	DATE	03
LOWEST TEMPERATURE MAMMOTH CAVE PARK	4	DATE	13
GREATEST TOTAL PRECIPITATION MIDDLESBORO	6.41		
LEAST TOTAL PRECIPITATION VANCEBURG	.58		
GREATEST 1 DAY PRECIPITATION MIDDLESBORO	1.68	DATE	16
GREATEST TOTAL SNOWFALL CUMBERLAND	18.5		
GREATEST DEPTH OF SNOW ELKTON 2 S	12	DATE	16

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	44	49	45	50	50	50	56	50	41	47	50	49	39	40	38	34	39	44	47	48	57	47	45	44	45	44	46	43				45.8
	MIN	37	38	29	24	33	40	39	39	34	25	30	25	20	27	26	25	30	21	22	25	33	40	38	39	37	27	36	34				31.2
BEAVER DAM	MAX	43	51	50	54	54	53	50	60	41	47	50	49	37	38	37	35	35	43	45	46	58	55	44	43	44	47	46	42				46.3
	MIN	37	35	30	19	32	39	43	39	34	21	29	23	15	20	25	25	29	29	19	21	26	39	36	35	35	27	27	32				29.3
FORDS FERRY DAM 50	MAX	41	50	40	54	54	47	54	57	38	48	50	39	35	38	38	32	36	42	42	43	53	48	44	44	42	44	44	40				44.2
	MIN	36	35	26	26	36	40	42	37	34	28	34	23	20	23	25	27	27	27	24	26	31	39	38	38	35	32	35	32				31.3
GILBERTSVILLE 1 SE	MAX	43	50	47	55	56	50	55	58	39	51	52	48	40	40	41	34	39	46	48	50	57	53	45	46	45	46	45	41				47.1
	MIN	37	39	28	26	35	40	39	39	35	27	32	25	18	28	27	26	30	24	22	28	33	40	38	39	37	30	32	34				31.7
GOLDEN POND 8 N	MAX	41	41	51	43	55	54	50	58	58	39	50	53	35	40	41	31	31	39	46	47	50	55	42	44	42	45	47	42				45.4
	MIN	34	37	29	26	31	35	40	39	35	28	30	28	19	21	26	26	27	24	25	28	29	35	38	38	37	32	35	35				31.0
GREENVILLE 2 W	MAX	44	50	50	55	54	55	52	60	48	48	52	49	36	38	37	33	34	43	44	46	57	55	43	43	44	46	45	40				46.5
	MIN	36	36	28	21	34	39	39	39	32	23	29	23	14	23	25	24	28	26	18	25	26	38	36	36	35	29	32	33				29.5
HENDERSON 7 SSW	MAX	42	48	48	55	52	50	50	57	38	48	50	44	36	37	35	32	35	45	45	45	52	47	44	42	42	45	41	39				44.4
	MIN	35	32	26	26	36	40	43	38	34	28	34	24	19	23	24	25	29	25	24	25	30	39	37	35	37	29	32	32				30.8
HICKMAN 1 E	MAX	41	46	42	53	53	48	56	55	39	46	50	46	37	38	36	32	37	43	44	46	55	52	40	43	45	43	47	47				45.0
	MIN	36	36	28	27	34	38	35	39	33	22	28	25	22	26	26	25	28	26	21	28	34	39	37	38	36	25	32	32				30.6
HOPKINSVILLE	MAX	42	42	57	42	55	56	50	56	59	39	50	53	35	41	41	31	36	37	47	49	49	52	43	43	43	45	50	40				45.8
	MIN	33	38	30	24	24	33	42	43	35	27	27	28	19	19	26	25	25	27	25	25	28	29	37	38	37	31	29	32				29.9
LOVELACEVILLE	MAX	44	50	45	55	53	49	55	54	48	48	52	47	39	41	36	35	40	45	47	49	57	52	44	44	46	45	44					46.8
	MIN	37	38	27	21	30	40	39	43	34	23	31	25	17	23	27	26	29	22	21	25	31	40	38	38	37	26	37	36				30.8
MADISONVILLE 1 SE	MAX	45	49	48	55	54	54	54	54	41	49	52	48	37	39	36	33	35	43	45	46	59	53	43	43	43	47	43	40				46.0
	MIN	36	35	26	23	33	37	39	38	32	24	33	23	16	22	25	25	28	29	22	25	25	38	37	37	37	28	34	33				30.0
MAYFIELD RADIO WNGO	MAX	46		45	56	57	51	62	56	42	51	56	50	45	44	38	36	39	50	52	55	62	51	43	52	49	47	49	41				49.1
	MIN	35	39	28	21	32	40	40	39	36	23	31	27	17	23	28	26	31	29	20	23	29	38	35	38	37	25		35				30.6
MURRAY	MAX	42	42	51	42	54	56	50	60	57	38	50	52	34	40	41	31	33	38	44	47	49	58	42	42	43	46	45	45				45.4
	MIN	34	38	29	28	31	36	40	41	35	25	27	27	20	22	28	26	28	24	25	26	29	35	38	39	38	28	31	37				30.9
OWENSBORO 2 W	MAX	46	50	48	53	52	49	50	56	46	51	51	46	39	40	35	35	34	44	44	49	60	50	43	42	44	48	45	42				46.1
	MIN	36	34	27	24	38	39	42	41	33	23	31	23	20	23	25	25	29	26	18	25	29	42	37	35	35	30	30	33				30.5
PADUCAH FAA AIRPORT	MAX	43	49	43	53	52	49	52	54	38	47	51	37	39	40	34	33	40	45	45	48	56	45	44	42	44	44	44	40				44.7
	MIN	36	37	27	27	35	39	42	37	34	25	34	25	20	24	26	26	27	25	25	26	32	39	38	39	30	27	37	33				31.1
PADUCAH	MAX	42	50	48	54	54	50	51	56	41	48	52	48	38	40	39	33	39	45	47	48	55	55	44	44	45	44	44	41				46.3
	MIN	36	31	28	24	30	39	42	39	33	26	36	25	22	26	27	26	29	26	23	26	33	39	38	38	37	28	35	33				31.3
PRINCETON 1 SE	MAX	43	49	49	52	55	50	55	56	40	49	51	49	39	39	38	32	36	43	44	48	59	54	43	43	43	46	45	40				46.1
	MIN	36	37	30	25	40	44	38	40	33	26	33	24	15	21	25	25	28	22	24	25	25	38	36	37	36	29	34	33				30.7
ROCHESTER LOCK 3	MAX	43	41	52	41	54	54	48	54	60	38	48	50	31	39	39	31	35	34	44	46	45	59	47	43	43	45	49	42				44.8
	MIN	34	37	32	26	26	38	40	40	35	24	24	29	19	18	24	26	27	30	21	21	22	26	26	35	37	28	30	33				28.9
RUSSELLVILLE	MAX	43	44	53	43	54	55	48	57	61	43	48	52	35	40	40	35	34	39	45	47	48	55	45	43	42	45	50	42				45.9
	MIN	35	38	31	26	27	35	39	40	34	21	22	27	14	15	24	22	26	28	21	23	24	28	34	36	35	28	29	31				28.3
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	43	54	51	50	55	50	46	57	50	44	49	45	35	35	32	33	35	48	47	45	56	50	45	43	42	40	47	36				45.1
	MIN	37	31	28	19	27	38	40	37	29	18	29	21	15	17	23	25	27	26		22	25	36	36	35	33	27	20	25				27.6
BARDSTOWN NAZARETH COL	MAX	40	52	48	49	52	49	45	55	51	43	47	44	33	34	32	30	32	42	43	42	54	54	41	40	39	39	44	41				43.4
	MIN	37	35	29	21	33	38	40	36	29	18	29	23	17	17	25	24	27	26	24	22	23	33	34	35	33	26	19	26				27.8
BARREN RIVER RESERVOIR	MAX	46	45	53	42	54	55	48	55	60	37	50	56	35	40	40	33	35	33	45	47	45	60	45	44	44	43	48	45				45.8
	MIN	32	40	32	22	22	37	40	38	35	24	23	30	15	16	23	27	27	29	18	18	27	27	35	37	35	33	27	29				28.5
BOWLING GREEN FAA AP	MAX	43	55	42	53	55	48	54	61	38	49	51	38	39	39	32	34	34	44	47	46	59	43	44	42	44	49	44	40				45.3
	MIN	40	40	27	24	33	39	40	37	32	22	31	24	19	22	27	26	32	27	21	25	28	35	35	38	36	31	29	34				30.5
BRADFORDSVILLE	MAX	46	52	55	45	52	56	46	53	56	39	47	51	32	38	38	32	35	40	45	48	54	60	42	41	42	43	45	48				45.8
	MIN	39	39	30	22	32	38	41	31	31	15	22	23	14	12	27	26	28	28	14	20	21	30	36	36	31	30	15	22				26.9
CAMPBELLSVILLE 2 SSW	MAX	45	54	53	49	55	48	50	54	55	46	50	47	35	38	40	35	36	48	47	45	58	53	40	42	41	44	48	47				46.5
	MIN	40	39	30	22	32	39	43	38	31	18	30	23	16	18	29	26	28	28	21	23	23	37	35	37	33	31	21	28				29.3
CECILIA	MAX	42	51	51	52	50	47	49	58	50	46	50	44	36	37	32	32	33	45	48	45	50	57	52	42	42	41	43	42				45.3
	MIN	37	34	29	21	30	42	39	35	32	21	28	22	16	18	24	24	28	31	18	23	24	25	35	35	36	33	28	29				28.5
CLERMONT 1 SSE	MAX	43	54	51	52	57	56	46	58	57	46	51	50	36	37	38	34	35	46	48	47	57	58	44	44	42	44	48	47				47.4
	MIN	37	31	29	16	25	39	42	36	30	16	25	22	13	15	25	24	28	26	17	18	21	32	35	36	32	24	11	25				26.1
GLASGOW WKAY	MAX	43	56	50	51	54	48	52	56	43	47	50	39	37	38	32	35	33	43	46	45	58	49	42	40	41	45	48	41				45.1
	MIN	39	38	30	20	33	38	43	38	31	20	26	23	15	20	25	25	27	27	18	24	24	34	33	37	33	31	23	32				28.8
GREENSBURG	MAX	47	45	56	43	53	56	46	50	59	37	50	53	34	40	40	32	37	35	48	48	48	60	42	42	43	43	47	51				45.9
	MIN	38	40	32	22	22	37	40	33	32	19	20	25	16	16	20	27	29	29	17	18	22	24	34	36	35	33	21	23				27.1
HODGENVILLE-LINCOLN NP	MAX	42	50			58	53	48	58	56		49		36	37	37	35			46	45	57	57	43			44	49	48				47.4
	MIN	39	38		22		39	42	37	31	18			15	12	26	25			15	23	25	37	35			28	20	29				27.8
IRVINGTON	MAX	44	53	50	50	55	53	47	58	49	45	50	50	40	36	37	32	33	47	47	48	57	58	44	43	41	44	48	48				46.7
	MIN	36	33	28	20	25	39	41	39	33	18	29	22	16	20	26	25	29	26	18	24	27	32	36	36	34	27	19	30				28.1
LEITCHFIELD 2 N	MAX	42	50	49	53	56	48	54	56	46	44	49	42	35	36	32	35	33	43	48	42	53	40	43	41	42	43	47	44				44.5
	MIN	38	35	29	23				32	31	20		23	17	17	26	24	25	25	15	20	25	36	36	37	34	30	23	32				27.2
LOUISVILLE	MAX	44	53	52	49	55	55	47	55	57	45	52	51	35	35	37	33	35	48	50	49	59	57	46	45	43	43	49	49				47.4
	MIN	37	35	29	26	36	40	42	39	32	25	30	22	21	22	27	26	30	29	20	28	30	40	37	38	36	30	28	30				30.9
LOUISVILLE WB AP	MAX	43	52	46	51	56	48	47	58	36	45	50	34	35	37	33	33	35	47	48	46	57	46	44	42	42	42	47	38				44.2
	MIN	36	34	27	22	32	41	40	36	28	21	29	23	20	20	27	28	30	32	24	25	26	38	38	38	37	29	21	28				29.6
MAMMOTH CAVE PARK	MAX	43	53	54	53	53	52	51	57	50	46	50	48	38	37	36	34	33	43	45	45	58	56	42	41	41	46	48	46				46.4
	MIN	35	31	28	17	29	35	32	35	30	15	25	23	4	10	24	24	27	28	17	24	26	34	33	33	31	27	20	32				26.0

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	44	43	53	40	55	54	47	50	59	36	48	51	33	39	46	33	34	34	45	46	49	59	48	43	42	42	46	49				45.3
	MIN	34	38	31	18	18	36	38	39	34	20	21	20	14	14	22	22	23	29	17	17	23	25	34	37	34	29	24	27				26.4
ROUGH RIVER DAM	MAX	42	43	50	39	54	55	46	50	58	37	47	50	30	37	39	30	33	33	46	47	46	59	43	45	43	43	46	50				44.3
	MIN	33	35	30	20	21	35	39	40	34	21	22	25	15	17	21	25	26	29	17	18	21	27	30	31	34	29	24	26				26.6
SCOTTSVILLE 3 SSW	MAX	44	58	56	53	55	50	56	60	55	48	52	47	38	39	37	34	35	42	45	44	60	56	42	42	41	46	45	42				47.2
	MIN	40	39	31	24	35	38	43	42	33	24	30	25	18	23	26	26	26	28	22	27	27	36	33	37	34	31	29	34				30.8
SUMMER SHADE	MAX	45	57	51	52	55	47	54	58	48	48	51	40	38	39	33	37	34	43	46	44	58	47	40	41	41	46	48	43				45.9
	MIN	41	41	30	20	30	40	40	38	32	19	27	25	15	21	27	27	29	30	16	21	30	34	34	36	33	30	23	34				29.4
WOLF CREEK DAM	MAX	47	47	57	43	54	57	47	54	58	37	50	52	35	40	41	33	38	38	46	48	48	60	39	42	46	43	47	49				46.3
	MIN	38	41	33	18	21	30	41	34	34	17	19	26	15	17	22	29	31	30	18	20	22	27	30	37	34	32	20	27				27.3
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	47	56	52	49	56	51	47	52	50	45	48	46	33	36	34	34	35	44	46	44	58	56	41	40	41	38	45	42				45.2
	MIN	41	39	29	22	33	37	40	40	29	19	28	21	16	16	26	26	30	27	22	23	27	36	35	35	33	29	20	27				28.8
CARROLLTON LOCK 1	MAX	45	51	52	51	54	54	43	48	47	43	51	50	35	36	33	33	36	49	48	45	54	55	47	44	43	42	39	42				45.4
	MIN	38	32	29	18	29	36	37	35	28	17	29	21	17	14	23	25	29	29	19	20	21	31	36	36	35	32	18	25				27.1
COVINGTON WB AIRPORT	MAX	41	48	44	46	49	41	41	41	33	40	40	29	32	32	30	35	36	48	45	42	53	50	43	41	42	39	35	43				40.9
	MIN	30	30	21	18	25	34	35	32	22	18	28	21	16	16	21	27	30	28	20	25	26	34	36	34	34	29	23	26				26.4
CYNTHIANA 2	MAX		40	52		52	52	40	44	50	34	44	50	32	35	35	37	34	34	50	47	45	57	53	43	42	42	40	41				43.3
	MIN			32	12	15	29	38	36	25	15	19	22	12	10	14	16	27	28	17	18	20	22	30	35	33	32	15	18				22.7
DANVILLE	MAX	45	48	54	40	50	56	45	48	54	34	44	49	32	35	37	34	36	36	44	46	45	57	46	46	41	40	40	48				43.9
	MIN	35	38	31	20	20	34	37	35	30	18	18	24	16	16	16	25	28	28	20	20	23	25	34	34	33	31	20	20				26.0
DIX DAM	MAX	45	51	51	49	56	56	46	55	55	43	50	49	35	35	36	32	37	45	46	46	55			40	40	40	46	45				45.5
	MIN	40	38	29	20	31	36	40	37	30	19	25	22	17	17	20	25	29	28	21	23	27			34	32	30	19	25				27.5
FALMOUTH 5 WNW	MAX	42	52	47	48	53	42	42	46	49	44	49	39	35	34	32	34	36	50	50	43	54	53	45	42	42	40	35	44				43.6
	MIN	35	30	27	17	20	24	35	33	29	13	20	20	9	7	20	25	29	29	13	13	20	25	35	34	33	29	14	14				23.3
FARMERS 1 WNW	MAX	46	54	55	48	54	52	47	52	48	44	50	46	34	36	32	33	38	50	47	46	56	55	46	41	42	38	48	47				45.9
	MIN	41	39	30	21	32	31	39	37	30	16	20	24	11	11	21	22	30	30	12	18	20	29	36	33	34	31	22	22				26.5
FLEMINGSBURG 1 SW	MAX	43	51	49	46	51	48	42	53	50	41	46	42	32	33	30	33	35	46	45	42	55	52	46	40	40	38	39	45				43.3
	MIN	39	37	28	18	29	34	36	34	28	16	24	21	13	13	20	25	29	30	22	23	25	35	34	35	33	30	20	22				26.9
FRANKFORT LOCK 4	MAX	42	43	54	39	50	56	43	46	56	35	45	51	32	38	35	33	33	35	50	50	44	54	49	44	43	43	39	46				43.9
	MIN	36	34	31	19	19	28	39	38	31	19	19	25	16	14	10	24	26	29	20	20	21	23	31	32	32	30	19	18				25.1
LEXINGTON WB AIRPORT	MAX	43	53	47	49	54	47	47	55	38	43	48	31	34	35	32	33	35	48	48	44	55	49	44	42	41	38	44	39				43.4
	MIN	39	39	26	20	30	38	40	38	27	17	30	24	17	15	25	27	30	30	24	26	28	38	37	36	34	28	21	26				28.9
MAYSVILLE SEWAGE PLANT	MAX	43	42	54	39	48	53	44	43	48	34	41	49	31	34	35	33	38	40	50	48	46	55	55	43	41	43	40	36				43.1
	MIN	38	38	29	18	20	31	35	37	29	18	20	24	17	15	17	22	30	31	19	22	23	27	30	35	33	30	21	19				26.0
MOUNT STERLING	MAX	45	53	53	47	54	51	46	53	52	42	49	47	34	35	35	34	34	49	48	47	56	56	49	41	42	40	45	45				45.8
	MIN	40	38	29	19	31	37	39	36	29	17	26	22	15	15	21	26	29	30	21	23	26	34	35	36	33	30	21	22				27.9
OWENTON 2 S	MAX	42	52	50	48	52	52	42	53	53	43	49	47	35	36	33	33	33	50	47	44	56	56	45	42	40	40	42	40				44.8
	MIN	36	31	28	12	20	29	37	35	28	11	20	20	8	10	21	25	25	26	14	18	21	30	31	30	32	30	12	19				23.5
RICHMOND	MAX	47	45	54	42	50	56	43	46	54	33	43	50	32	35	35	32	33	36	47	48	44	56	50	41	42	41	37	47				43.5
	MIN	37	38	30	18	22	30	38	38	30	18	22	24	14	15	20	25	29	26	21	23	26	32	35	35	32	30	18	25				26.8
SHELBYVILLE	MAX	41	41	54	38	49	55	43	45	55	34	42	48	30	35	35	32	33	33	46	46	43	54	48	42	39	41	39	45				42.4
	MIN	34	33	28	19	22	29	38	36	29	19	19	21	17	16	16	23	25	26	24	23	24	25	35	31	31	28	22	20				25.5
WARSAW MARKLAND DAM	MAX	42	46	51	36	48	53	42	42	45	34	43	49	32	37	33	33	37	35	50	46	40	54	50	44	40	38	40	36				42.0
	MIN	35	33	28	21	18	24	37	36	31	18	18	24	15	14	15	21	26	30	20	18	20	21	30	36	35	33	17	16				24.6
WAYNESBURG 7 NE	MAX	46	55	54	49	55	47	46	53	50	44	48	44	33	36	33	34	34	44	44	43	57	52	41	39	39	39	45	41				44.5
	MIN	40	39	28	17	30	36	41	36	29	17	25	21	12	17	25	25	29	27	24	23	27	36	34	34	32	30	22	25				27.9
WILLIAMSTOWN 3 NW	MAX	43	50	51	47	53	47	47	47	49	42	48	48	40	33	30	33	34	48	47	40	52	51	45	43	42	40	35	42				43.8
	MIN	37	31	27	18	28	37	35	36	27	18	30	19	14	16	20	24	28	29	24	24	25	35	34	32	33	30	19	23				26.9
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	44	46	52	40	46	53	43	42	51	34	41	50	31	33	35	35	37	43	51	46	47	55	48	44	43	42	39	38				43.2
	MIN	36	39	32	20	20	25	35	37	30	15	15	24	18	12	10	20	27	31	18	19	22	21	26	38	35	31	30	19				25.2
BARBOURVILLE	MAX	52	50	65	42	51	59	45	52	54	46	50	50	33	37	40	37	46	45	47	45	48	51	45	40	42	43	40	50				46.6
	MIN	38	44	35	21	20	31	39	32	32	18	17	20	18	12	12	29	32	31	19	19	18	21	30	34	34	32	17	16				25.8
BAXTER	MAX	58	52	62	43	47	57	40	51	49	35	47	46	33	34	40	39	36	40	44	45	46	60	45	42	41	40	38	49				45.0
	MIN	41	45	41	19	19	25	35	33	32	19	18	20	21	12	12	27	31	30	20	19	18	21	29	35	33	31	21	20				26.0
BLAINE 2 W	MAX	51	50	56	41	50	55	43	45	50	33	41	50	34	35	34	35	35	43	48	46	45	55	53	41	43	42	38	43				44.1
	MIN	37	39	35	20	15	23	32	32	30	14	12	11	16	8	8	22	22	23	16	15	16	18	24	35	34	31	30	15				22.6
CUMBERLAND	MAX	55	58	48	47	46	55	49	51	50	48	46	45	33	38	40	35	38	44	45	45	60	48	42	40	38	38	47	43				45.4
	MIN	45	46	30	19	26	33	37	33	27	13	15	15	18	8	25	28	29	30	16	16	17	25	34	34	31	30	28	27				26.3
DEWEY DAM	MAX	50	50	57	40	46	54	43	47	52	38	37	47	32	32	35	35	35	38	46	44	43	55	52	43	43	42	37	45				43.5
	MIN	40	41	40	22	23	28	34	33	32	17	16	20	17	10	10	25	28	28	18	18	20	20	27	36	35	32	30	18				25.6
GRAYSON 3 SE	MAX					48	55	44	43	50	34	42	51	30	33	35	33	34	45	50	47	47	56	54	43	43	42	38	40				43.2
	MIN					27	27	34	36	32	15	14	21	12	8	8	21	28	29	16	16	18	20	26	36	34	31	30	15				23.1
HEIDELBERG LOCK 14	MAX	50	56	55	48	57	57	49	51	52	42	50	50	34	36	37	35	38	47	49	48	55	59	45	43	42	41	48	49				47.3
	MIN	42	41	31	18	26	34	41	33	32	15	19	21	15	10	26	26	31	30	17	18	20	26	36	36	34	32	22	19				26.8
HINDMAN 11 NNE	MAX	53	51	58	40	45	55	45	53	50	34	40	49	33	33	35	38	34	39	46	45	41	54	52	44	42	43	39	45				44.1
	MIN	39	42	38	21	19	26	35	34	30	16	17	18	17	10	10	25	26	29	18	18	18	19	28	35	33	32	29	18				25.0
HYDEN	MAX	55	60	62	40	47	56	45	49	52	34	43	48	32	33	37	38	37	40	46	46	55	58	48	41	41	41	39	48				45.4
	MIN	39	45	36	20	19	27	35	33	32	18	17	20	16	11	10	27	31	30	18	17	19	19	26	35	34	32	28	20				25.5
JACKSON	MAX	53	49	57	41	48	57	44	49	52	34	43	50	32	35	37	35	37	39	48	48	46	59	50	42	42	42	40	49				44.9
	MIN	39	42	35	21	21	32	40	33	32	19	19	20	14	11	12	20	28	30	13	13	13	21	22	36	34	34	21	20				24.8

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LONDON FAA AP	MAX	47	62	50	47	55	41	47	50	37	43	49	30	32	36	33	32	34	43	43	43	57	44	39	39	40	37	46	37				42.6
	MIN	42	43	27	17	27	37	36	27	26	16	22	23	15	13	27	28	30	26	17	23	25	28	33	33	33	23	17	25				26.4
MANCHESTER 4 SE	MAX	51	64	62	49	57	52	49	53	52	46	49	41	35	37	37	36	39	46	47	46	60	53	40	41	41	41	50	45				47.1
	MIN	43	45	32	18	25	34	40	33	31	14	19	21	15	10	26	29	31	30	17	17	19	26	35	33	32	31	18	19				26.5
MC KEE	MAX	49	47	58	38	46	52	44	47	50	31	45	48	28	34	35	32	34	39	42	46	46	54	46	40	40	40	36	45				42.6
	MIN	36	40	31	12	13	23	36	30	31	11	11	14	11	8	7	25	27	29	15	16	16	21	27	35	32	31	13	14				22.0
MIDDLESBORO	MAX	57	51	61	39	48	58	42	54	49	34	44	48	34	35	39	38	37	39	44	45	47	55	40	40	40		39	48				44.6
	MIN	40	46	39	25	25	31	35	35	33	19	18	20	22	13	13	29	32	31	20	19	18	21	32	34	35		18	18				26.7
MONTICELLO	MAX	48	64	57	52	58	47	53	57	50	49	51	43	37	40	36	37	34	39	47	44	60	48	41	42	41	45	47	42				46.8
	MIN	42	44	31	20	35	38	44	32	31	17	23	25	21	17	29	29	31	29	15	19	23	30	34	36	33	32	18	26				28.7
MOUNT VERNON	MAX	52	57	54	55	52	55	50	50	47	44	46	43	33	35	31	36	35	41	45	46	57	55	41	41	39	38	46	46				45.4
	MIN	34	38	28	19	32	35	39	34	27	13	22	20	12	10	23	24	25	25	15	18	24	33	32	33	30	29	14	25				25.5
PIKEVILLE	MAX	56	59	53	51	59	46	54	54	50	43	50	40	38	38	41	38	42	51	50	48	64	52	45	44	43	40	47	52				48.1
	MIN	43	45	37	27	32	34	40	40	32	20	22	28	24	14	25	31	32	31	21	22	22	30	39	38	37	33	31	21				30.4
SOMERSET 2 N	MAX	48	58	56	51		50	49	53	52	46	50	46	35	38	34	35	35	44	45	45	57	51	41	43	42	41	47	43				45.7
	MIN	33	42	32	18	32		43	36	30	16	24	25	13	15	24	28	31	27	14	19	24	34	35	38	35	31	22	28				27.7
STEARNS	MAX		59	63	36	48	56	45	49	53	32	46	48	30	36	40	33	35	39	41	44	44	49	57	38	39	37	41	39				43.6
	MIN		39	32	20	20	29	36	38	30	19	18	25	18	15	15	25	31	28	23	23	24	25	25	34	32	18	20	19				25.2
TOMAHAWK 1 WSW	MAX	50	51	60	42	45	55	45	47	53	36	38	48	32	34	36	34	36	42	46	45	45	57	52	43	43	42	38	44				44.3
	MIN	38	39	35	18	18	20	32	32	29	12	12	14	12	6	6	19	28	27	14	13	16	16	29	34	33	30	26	14				22.2
VANCEBURG	MAX	42	48	46	43	49	47	38	42	40	43	46	40	28	33	29	34	38	48	44	43	52	52	47	38	40	36	38	44				41.7
	MIN	37	35	30	17	25	25	35	18	18	12	12	22	11	7	18	22	26	26	14	15	18	24	35	35	32	30	19	15				22.6
WEST LIBERTY	MAX	54	54	44	40	49	57	42	48	51	34	46	51	30	35	38	33	35	39	52	49	47	59	54	41	42	42	38	50				44.8
	MIN	39	40	31	21	21	27	37	38	31	16	16	22	17	11	11	21	24	30	30	18	18	20	30	32	34	31	25	19				25.4
WILLIAMSBURG 1 E	MAX	64	64	50	52	60	53	54	55	51	51	49	47	39	45	42	38	37	46	48	47	59	59	40	40	41	44	49	45				48.9
	MIN	36	34	27	25	38	38	40	33	30	19	20	18	20	14	29	30	32	29	19	20	22	32	32	34	33	31	19	25				27.8

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	35	3.2	10.7	28++	34	08	73	76	61	61	10	4	2	1	0	0	17	-	7.7
LEXINGTON WB AIRPORT	33	1.6	9.0	23++	19	08+	73	77	59	63	4	5	5	1	0	0	15	-	7.1
LOUISVILLE WB AIRPORT	35	2.8	8.5	28	N	08+	72	77	61	63	7	4	4	1	0	0	16	48	7.0

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BEAVER DAM	SNOWFALL															-	-	T														
	SN ON GND															4	5	5	2													
FORDS FERRY DAM 50	SNOWFALL												T	T			5.3	.3														
	SN ON GND																5	4	2	T	T	T	T									
HENDERSON 7 SSW	SNOWFALL												T			4.5	.5	T										T	2.0			
	SN ON GND															5	4	2	1	T									1			
HOPKINSVILLE	SNOWFALL															T	6.5	1.0														
	SN ON GND																7	5	4	3												
MURRAY	SNOWFALL															1.[illegible]	1.3															
	SN ON GND															1	2	1	T	T												
OWENSBORO 2 W	SNOWFALL												T	T			6.5												1.0			
	SN ON GND												T				6	5	5	2	1	T							1			
PADUCAH FAA AIRPORT	SNOWFALL												T			4.0	1.0												.3			
	SN ON GND															T	4	2	1													
RUSSELLVILLE	SNOWFALL																-	-														
	SN ON GND																-	-	-	-												
* * * CENTRAL 02																																
BARDSTOWN NAZARETH COL	SNOWFALL																2.0												1.5			
	SN ON GND																2	-	-	-									-			
BOWLING GREEN FAA AP	SNOWFALL			T						T			T			4.[illegible]	3.0	T	T										T			
	SN ON GND																5	5	4	2												
CAMPBELLSVILLE 2 SSW	SNOWFALL												T			T	3.0	4.0											T			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
IRVINGTON	SNOWFALL		T										T				3.0	T											2.0			
	SN ON GND																-	-											-			
LOUISVILLE WB AP	SNOWFALL			T					T	T			T	T		.1	2.3	.9	T										3.0			
	SN ON GND												T				2	2	2													
	WTR EQUIV																.2	.2	.2													
MAMMOTH CAVE PARK	SNOWFALL															-	-	-														
	SN ON GND															-	-	-	5	2												
MILLERSTOWN	SNOWFALL																6.5	.5	1.0													
	SN ON GND																7	7	7	3	2	T										
SUMMER SHADE	SNOWFALL															1.5	5.0	T					T									
	SN ON GND															2	5	4	3	2	T	T										
* * * BLUE GRASS 03																																
BEREA COLLEGE	SNOWFALL			T						.1			.3	T			3.6	.1	.2								.1		2.2			
	SN ON GND									T			T				3	3	1	T	T								2			
COVINGTON WB AIRPORT	SNOWFALL			.1					T	.1			T	T			.1	T								T	T	T	T			
	SN ON GND			T	T					T	T		T	T			T	T														
	WTR EQUIV																															
CYNTHIANA	SNOWFALL			T						T			T				.3	1.[illegible]	1.0									T				
	SN ON GND									T			T				T	1	1													
DANVILLE	SNOWFALL			T						T			T	T			5.0	T	.2													
	SN ON GND			T									T	T			5	4	4	1	1	T	T									
FARMERS 1 WNW	SNOWFALL			T						-			T	.1			.5	1.0	T									T				
	SN ON GND			T						-			T	T			1	1	T													
GEST LOCK 3	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LEXINGTON WB AIRPORT	SNOWFALL			.2						T			.4	T		T	2.8	.5											2.2			
	SN ON GND			T						T			T	T			1	2	1	T	T	T										
	WTR EQUIV																	.2														
MAYSVILLE SEWAGE PLANT	SNOWFALL			T						T			.2	T			.5	.5									T					
	SN ON GND			T						T			T	T			1	1									T					
WILLIAMSTOWN 3 NW	SNOWFALL			T						T			T	T			1.0	T								T	T					
	SN ON GND																1	1														
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL			.5						1.5	T		1.0	1.0			11.0	1.0					T	1.5		T	T		1.0			
	SN ON GND			T						1	T		T	T	T		6	3	1	T	T	T	T	1	T	T	T	T	1			
DEWEY DAM	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	SN ON GND									-	-	-	1	1	-	-	1	4	3	T	T	T										
HAZARD WATER WORKS	SNOWFALL									T				T			3.0	-											T			
	SN ON GND									T	T			T			3	3	1	T	T								T			
HEIDELBERG LOCK 14	SNOWFALL									T				T			-	-														
	SN ON GND									T				T			3	2	T													
LONDON FAA AP	SNOWFALL			T						T			T	T		3.[illegible]	3.6	T	T				T	T					T			
	SN ON GND																5	5	4	2	T	T	T	T	T	T			T			
MIDDLESBORO	SNOWFALL													T			-	-	-					5.[illegible]								
	SN ON GND													T			9	7	5	3				5	-	-						
MONTICELLO	SNOWFALL																4.0	1.5	.5													
	SN ON GND																4	5	3													
PIKEVILLE	SNOWFALL			T						2.0			T				1.4									T						
	SN ON GND									T			T				1	T														
SOMERSET 2 N	SNOWFALL															2.[illegible]	5.2															
	SN ON GND															-	5	-	-	-												

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station			Day Of Month																															Total or Avg.
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN NAZARETH COL																																		
	4 INCHES	MAX	44	46	46	44	41	42	43	44	44	41	41	41	38	38	35	35	35	34	38	38	40	41	45	41	40	42	42	42				40.8
		MIN	43	42	42	37	38	41	41	41	40	36	37	37	36	35	34	33	33	33	34	35	36	39	41	39	39	38	37	38				37.7
	20 INCHES	5 PM	44	44	44	44	43	43	43	44	44	43	43	43	42	42	41	41	40	41	40	39	40	41	41	41	41	42	42	42				42.1
BEREA COLLEGE																																		
	4 INCHES	MAX	44	45	46	46	43	40	41	42	42	40	39	36	36	36	34	34	33	36	37	37	39	39	39	39	39	38	39	39				39.2
		MIN	44	44	45	43	40	40	40	41	40	36	36	35	34	34	34	33	33	33	34	35	36	38	39	39	38	37	35	36				37.6
	20 INCHES	5 PM	42	42	42	43	42	42	42	43	42	42	42	41	40	40	39	39	39	38	39	38	39	39	40	40	40	40	40	40				40.5
CAMPBELLSVILLE																																		
	4 INCHES	MAX	36	36	36	36	36	36	36	36	36	36	36	36	36	35	35	35	35	35	35	35	36	36	35	35	35	35	35	35				35.5
		MIN	35	35	35	36	36	36	36	36	36	36	36	36	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35				35.3
	20 INCHES	6 PM	43	43	43	43	42	43	43	43	43	43	42	42	41	41	40	40	40	40	40	40	40	39	40	40	40	40	40	40				41.2
CUMBERLAND GAP PARK																																		
	4 INCHES	MAX	45	47	45	45	42	47	43	42	42	41	39	42	38	38	36	36	36	36	36	36	36	35	35	36	37	38	38	38				39.5
		MIN	45	45	45	41	40	40	40	42	41	39	38	38	37	35	36	36	36	36	36	36	35	35	35	35	36	37	35	36				38.1
	20 INCHES	5 PM	45	45	46	46	45	44	44	45	45	44	44	43	43	42	42	41	41	41	41	41	40	40	39	40	40	40	40	40				42.4
FLEMINGSBURG 1 SW																																		
	4 INCHES	MAX	42	41	42	39	36	36	38	38	39	37	35	36	34	34	32	32	31	31	34	34	37	37	37	37	37	37	37	37				36.3
		MIN	40	40	39	34	34	36	36	38	36	34	34	34	33	32	32	31	31	31	31	32	33	35	37	37	36	35	34	34				34.6
	20 INCHES	6 PM	40	40	41	41	41	41	41	40	40	40	40	40	40	40	39	39	39	38	38	38	38	38	38	38	38	38	38	38				39.3
GLASGOW WKAY																																		
	4 INCHES	MAX	45	45	45	43	43	43	45	45	43	43	43	40	39	38	38	37	37	37	37	38	41	41	40	40	40	43	43	41				41.2
		MIN	45	45	43	40	40	43	42	43	41	39	40	39	37	37	37	37	37	37	37	36	36	40	40	40	40	40	39	41				39.7
	20 INCHES	6 PM	44	44	44	44	44	44	44	44	44	44	43	43	43	42	42	41	41	41	41	41	41	41	41	41	41	42	42	42				42.5
GREENVILLE 2 W																																		
	4 INCHES	MAX	47	46	47	43	43	43	46	46	46	44	44	44	40	39	38	37	37	37	37	38	40	40	41	42	42	44	45	41				42.0
		MIN	45	45	43	38	39	42	43	44	43	40	41	40	36	36	36	36	37	36	35	35	36	40	40	41	40	39	41	40				39.5
	20 INCHES	5 PM	45	45	45	44	44	44	44	45	45	44	44	44	43	43	42	42	42	42	41	41	41	41	42	42	42	43	43	43				43.1
HENDERSON 7 SSW																																		
	4 INCHES	MAX	45	45	44	44	44	43	44	44	44	44	44	44	42	41	39	39	39	39	40	40	43	43	43	43	43	43	43	43				42.6
		MIN	45	44	44	40	42	42	43	44	44	42	43	42	39	39	39	39	39	39	39	39	40	43	43	43	43	42	43	42				41.6
	20 INCHES	6 PM	44	44	44	44	44	43	44	44	44	44	44	44	43	43	42	41	41	41	41	41	41	42	42	43	43	43	43	43				42.9
IRVINGTON																																		
	4 INCHES	MAX	45	46	47	43	42	44	43	46	47	43	43	38	39	44	35	35	35	35	41	40	42	44	41	41	40	46	47	45				42.0
		MIN	43	42	41	36	38	42	42	43	41	36	38	37	38	35	35	35	35	35	35	35	36	39	41	40	40	38	37	39				38.3
	20 INCHES	6 PM	42	42	42	41	40	40	41	41	41	40	40	40	39	39	38	38	39	38	37	37	37	38	38	38	38	39	39	39				39.3
LEXINGTON CAMPUS FARM																																		
BARE GROUND																																		
	1 INCH	MAX	43	53	47	40	51	43	49	52	42	40	47	34	33	34	32	32	33	35	44	46	54	44	43	42	42	41	51	34				42.2
		MIN	42	40	34	30	33	38	41	40	34	31	33	32	28	28	29	31	32	33	32	33	33	34	38	37	35	34	32	31				33.9
	2 INCHES	MAX	43	51	47	38	47	42	48	50	42	41	45	35	33	33	32	32	33	33	41	44	49	43	42	42	42	40	48	35				41.1
		MIN	41	40	35	32	34	38	40	40	35	33	34	33	31	31	31	31	32	33	32	33	33	35	38	37	35	34	33	33				34.5
	4 INCHES	MAX	43	48	47	38	43	41	45	46	44	41	42	37	34	33	33	33	33	33	37	40	44	41	41	42	40	39	43	37				39.9
		MIN	42	41	38	34	35	38	40	41	36	35	35	34	33	33	33	32	33	33	33	34	34	36	38	38	36	35	34	34				35.6
	8 INCHES	MAX	43	46	45	41	41	41	43	45	44	39	40	38	36	35	35	34	34	34	36	38	40	40	40	40	40	39	40	39				39.5
		MIN	42	42	41	37	37	39	41	42	39	37	37	36	35	34	34	34	34	34	34	34	35	37	39	39	38	37	36	36				37.1
SOD																																		
	1 INCH	MAX	43	47	47	40	43	42	45	45	44	40	40	37	35	34	33	33	34	39	40	40	43	41	41	41	41	40	42	38				40.3
		MIN	42	42	39	36	36	40	41	41	33	35	35	35	34	33	33	33	33	34	34	35	35	37	38	39	38	38	35	35				36.4
	2 INCHES	MAX	43	46	46	40	43	42	43	45	44	40	40	38	36	34	34	34	34	39	39	39	42	41	41	41	40	40	41	38				40.1
		MIN	42	42	40	36	37	40	41	42	33	36	36	36	34	34	34	34	34	34	35	35	36	38	39	39	38	38	36	36				37.0
	4 INCHES	MAX	43	45	45	41	42	41	42	44	44	39	39	38	36	35	34	34	35	38	38	39	41	40	40	41	40	39	40	39				39.7
		MIN	42	42	41	37	37	40	41	42	34	37	36	36	35	34	34	34	34	34	35	35	36	38	39	39	39	38	36	36				37.2
	8 INCHES	MAX	43	44	44	42	41	41	42	43	43	41	39	39	38	37	36	36	36	38	38	38	40	40	40	41	40	40	40	40				40.0
		MIN	42	42	42	39	39	40	41	42	41	39	37	37	37	35	36	35	35	36	37	37	37	39	39	40	39	39	38	38				38.5
	20 INCHES	7 PM	43	43	43	42	42	42	42	43	43	42	41	41	40	40	39	39	39	39	39	39	39	40	40	41	41	41	41	41				40.9
	40 INCHES	7 PM	43	43	44	44	44	44	44	44	44	44	44	44	43	43	43	43	43	43	42	42	42	42	42	42	43	43	43	43				43.1
MAYFIELD RADIO WNGO																																		
	4 INCHES	MAX	47	-	-	45	45	41	43	-	-	47	46	45	43	43	41	40	41	41	41	42	42	42	42	45	45	46	44	46				43.5
		MIN	46	-	-	42	41	40	41	-	-	45	45	41	41	41	40	40	40	39	39	38	38	37	40	40	44	43	43	44				41.2
	20 INCHES	5 PM	45	-	-	40	45	45	45	-	-	40	41	44	45	44	44	44	44	44	44	44	44	45	42	44	44	44	44	45				43.8

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
PRINCETON 1 SE																																	
4 INCHES	MAX	43	43	44	44	44	40	45	44	45	41	42	42	39	38	36	35	35	35	36	37	39	40	40	40	40	41	42	40				40.4
	MIN	43	43	42	37	38	39	40	44	41	38	40	38	36	36	35	35	35	34	34	34	35	39	40	40	40	38	40	39				38.3
20 INCHES	5 PM	45	45	45	45	44	44	44	45	45	45	45	44	44	43	42	42	42	41	41	41	41	41	42	42	42	42	43	42				43.1
QUICKSAND																																	
4 INCHES	MAX	47	53	49	44	42	42	44	43	42	41	41	39	37	37	35	35	34	35	37	38	40	40	41	41	41	40	44	44				40.9
	MIN	45	47	44	36	37	40	41	41	40	36	35	35	34	33	34	34	34	34	33	34	34	36	36	39	39	37	36	36				37.1
20 INCHES	4 PM	40	40	40	40	40	43	42	43	43	42	42	41	40	40	39	39	39	38	38	38	38	38	38	38	40	39	39	40				39.9
SANDY HOOK 5 NE																																	
4 INCHES	MAX	-	-	-	-	-	41	41	42	42	40	39	39	35	35	34	33	34	35	39	39	41	40	40	39	39	39	41	41				38.6
	MIN	-	-	-	-	-	38	39	36	38	35	36	35	35	34	33	33	33	33	34	35	35	37	39	39	38	36	35	35				35.7
20 INCHES	6 PM	-	-	-	-	-	41	41	41	41	40	40	40	39	38	38	37	37	37	37	37	38	39	39	39	39	39	39	39				38.9
SOMERSET 2 N																																	
1 INCHES	MAX	48	49	49	42	-	44	45	45	44	43	42	41	40	39	38	34	34	34	34	39	44	44	40	39	40	42	45	44				41.6
	MIN	45	45	42	35	-	37	41	41	40	34	35	35	33	32	33	33	34	34	33	32	33	38	38	38	38	37	34	37				36.6
4 INCHES	MAX	49	48	47	45	-	43	44	46	44	42	42	41	39	39	38	34	34	34	34	38	43	43	40	39	40	41	43	43				41.2
	MIN	46	46	43	37	-	37	41	42	41	35	32	36	34	34	34	34	34	34	34	33	34	38	39	39	39	38	36	37				37.3
20 INCHES	6 PM	46	47	46	46	-	45	45	45	45	45	44	44	43	43	42	42	42	41	41	41	41	41	41	42	42	42	43	43				43.3
WILLIAMSTOWN 3 NW																																	
4 INCHES	MAX	43	44	42	42	40	40	40	40	40	41	40	40	38	37	37	37	40	37	37	37	38	39	39	39	40	40	40	39				39.5
	MIN	43	42	42	39	38	40	40	40	40	39	39	38	37	37	37	37	37	37	37	37	36	38	39	38	38	40	39	38				38.6
20 INCHES	6 PM	42	42	42	42	41	41	41	42	42	42	42	41	41	40	40	40	40	39	39	39	39	40	40	40	40	40	40	40				40.6

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA N. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH CDL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	**88 21**	**385**				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. ORYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		7A			OTHO KELLER
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			KENTUCKY UTILITIES
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	650	6P	6P		GH	WAYDE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK O. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			HONUS S SHAIN, JR.
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.+E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALNA LEE SYONOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTNILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	116	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	625		7A		C	JOE M. SLAYDEN
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		7A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	WM C JARRELLS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
MARCH 1969
Volume 64 No. 3

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	No. of Days Max. 32° or Below	No. of Days Min. 32° or Below	No. of Days Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Snow, Sleet Max. Depth on Ground	Snow, Sleet Date	No. of Days .10 or More	No. of Days .50 or More	No. of Days 1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	52.5	28.7	40.6		77	19	19	13	748	0	0	24	0	2.39		1.08	24	T	0		5	2	1
BEAVER DAM	52.3	27.0	39.7		77	19	10	12	776	0	2	23	0	1.47		.90	24	.0	0		4	1	0
FORDS FERRY DAM 50	50.2	29.0	39.6		78	20	17	12	779	0	1	22	0	2.75	- 2.05	1.55	24	.5	T	9	5	1	1
GILBERTSVILLE 1 SE	54.0	30.2	42.1		79	19	18	13+	705	0	0	19	0			1.29	24	.0	0			1	1
GOLDEN POND 8 N	51.2	29.7	40.5		78	20	19	16+	753	0	1	22	0	3.36		2.00	24	T	T	9	6	2	1
GREENVILLE 2 W	52.3	27.0	39.7	- 7.0	76	19	11	12	776	0	0	23	0	2.36	- 2.64	1.18	24	.0	0		6	1	1
HENDERSON 7 SSW	50.4	29.9	40.2	- 5.9	76	19	15	12	763	0	1	20	0	2.11	- 3.02	1.37	24	1.0	T	10+	4	1	1
HICKMAN 1 E	51.8	29.2	40.5		77	19	18	13	751	0	0	23	0	2.68		1.00	24	.5	0		5	2	1
HOPKINSVILLE	51.8	28.0	39.9	- 7.0	79	20	16	12	771	0	1	24	0	2.88	- 2.20	1.11	24	T	0		7	1	1
LOVELACEVILLE	52.8	28.1	40.5	- 7.3	78	19	16	12	754	0	0	24	0	2.41	- 2.73	1.20	24	T	0		5	2	1
MADISONVILLE 1 SE	52.3	28.0	40.2		77	19	13	12	761	0	0	21	0	2.98		1.47	24	.0	0		5	1	1
MAYFIELD RADIO WNGO	56.2M	26.1M	41.2M		80	19	11	13+	725	0	0	24	0	2.92		1.75	24	T	0		5	1	1
MURRAY	51.1	30.0	40.6	- 7.8	78	20	19	12	751	0	1	21	0	2.96	- 2.34	2.01	24	T	0		4	1	1
OWENSBORO 2 W	51.4	28.7	40.1	- 5.7	78	19	14	12	766	0	1	21	0	2.41	- 2.52	1.52	24	T	T	26+	4	2	1
PADUCAH FAA AIRPORT	50.7	28.9	39.8		76	19	18	13+	773	0	0	22	0	2.29		1.29	23	T	T	9	5	2	1
PADUCAH	53.3	29.3	41.3		77	19	19	12	730	0	0	22	0	1.97	- 2.88	1.32	24	T	0		5	1	1
PRINCETON 1 SE	52.5	28.6	40.6	- 6.6	78	19	12	12	751	0	0	20	0	2.78	- 2.21	1.60	24	T	0		5	1	1
ROCHESTER LOCK 3	49.8	25.5	37.7		76	20	13	13+	839	0	1	25	0	3.04		1.46	24	.0	0		6	1	1
RUSSELLVILLE	50.7	26.7	38.7	- 7.7	75	20	12	12	805	0	1	26	0	3.18	- 1.87	1.25	24				6	3	1
DIVISION			40.2	- 6.7										2.61	- 2.41			.1					
* * * CENTRAL 02																							
ANCHORAGE	51.2M	27.6	39.4M	- 4.3	76	19	11	12	791	0	0	22	0	2.36	- 2.16	1.72	29				4	1	1
BARDSTOWN NAZARETH COL	49.4	27.7	38.6		73	19	11	12	812	0	2	25	0			1.60	24					1	1
BARREN RIVER RESERVOIR	49.8	25.5	37.7		73	21	12	12	837	0	2	25	0	2.41		.82	24	2.5	2	9	6	1	0
BOWLING GREEN FAA AP	50.7	28.4	39.6	- 7.8	75	19	15	12	780	0	1	23	0	2.62	- 2.64	.81	23	.1	T	25+	5	2	0
BRADFORDSVILLE	51.0	24.9	38.0		75	20	9	12	831	0	1	27	0	1.46		.42	29	.0	0		4	0	0
CAMPBELLSVILLE 2 SSW	52.1	28.9	40.5		75	19	13	12	754	0	1	23	0	1.86		.67	24	T	0		6	1	0
CECILIA	51.0	26.9	39.0	- 5.4	75	19	12	31+	798	0	1	25	0	2.40	- 2.38	1.40	24	T	T	10+	5	1	1
CLERMONT 1 SSE	52.7	24.8	38.8		76	20+	7	12	804	0	0	27	0	2.87		1.48	24	3.0	3	1	5	2	1
GLASGOW WKAY	50.6	27.3	39.0		74	19	11	12	799	0	1	24	0	2.29		.80	24	3.3	1	9+	4	1	0
GREENSBURG	50.8	26.4	38.6	- 7.3	76	20	12	12	811	0	1	22	0	2.30	- 2.94	.87	24	T	T	11+	5	1	0
HODGENVILLE-LINCOLN NP	53.9M	26.6M	40.3M		75	20+	10	12		0			0	2.02				1.0	T	1			
IRVINGTON	51.4	25.8	38.6	- 7.2	75	20	10	12	811	0	2	24	0	1.92	- 2.70	1.11	24	T	0		3	1	1
LEITCHFIELD 2 N	49.1	27.1	38.1	- 8.2	74	19	11	12	826	0	2	25	0	2.66	- 2.41	1.02	24	.0	0		6	1	1
LOUISVILLE	52.4	31.9	42.2		78	20	19	12	702	0	0	19	0			1.15	24	.0	T	1		2	1
LOUISVILLE WB AP R	50.7	29.0	39.9	- 3.4	77	19	15	12	771	0	1	20	0	1.94	- 2.65	.67	24	2.2	1	1	6	2	0
MAMMOTH CAVE PARK	52.0	24.4	38.2		76	19	6	12	825	0	1	26	0	2.66		1.52	24	.8	T	27+	4	1	1
NOLIN RIVER RESERVOIR	50.0	24.5	37.3		77	20	10	12	853	0	1	26	0	2.74		1.20	24	T	0		6	1	1
ROUGH RIVER DAM	49.7	25.0	37.4		77	20	10	12	849	0	0	26	0	3.19		1.30	24	T	T	26+	7	3	1
SCOTTSVILLE 3 SSW	52.0	30.2	41.1		75	19	15	12	732	0	1	20	0	1.76		.77	24	5.0	3	6	4	1	0
SUMMER SHADE	51.1	27.0	39.1		74	19	11	12	796	0	2	24	0	2.09		.86	24	7.0	1	10+	5	1	0
WOLF CREEK DAM	50.4	25.9	38.2		75	20	12	12	824	0	1	25	0	1.99		.62	24	.0	0		5	2	0
DIVISION			39.0	- 6.9										2.29	- 2.70			1.3					
* * * BLUE GRASS 03																							
BEREA COLLEGE	50.5	29.4	40.0	- 6.2	73	20+	12	12	767	0	2	22	0	1.46	- 3.18	.54	24	4.8	T	26+	4	1	0
CARROLLTON LOCK 1	52.1	26.8	39.5		77	19	10	12	786	0	0	24	0	1.79	- 2.37	.77	24	1.0	1	11	5	1	0
COVINGTON WB AIRPORT R	48.3	26.2	37.3	- 3.3	74	19	12	12	852	0	2	26	0	1.42	- 2.37	.64	24	2.8	1	11	5	1	0
CYNTHIANA 2	M	M	M		75	20	8	12		0			0										
DANVILLE	48.9	26.5	37.7		74	20	12	13	840	0	1	24	0	1.61	- 3.35	.54	24	4.5	1	7+	5	1	0
DIX DAM	51.1	27.2	39.2		75	20	13	12	794	0	0	27	0	1.73		.67	24				4	1	0
FALMOUTH 5 WNW	51.2	22.0	36.6		76	19	4	12	873	0	0	26	0	1.60	- 2.93	.51	25	3.0	3	11	5	1	0
FARMERS 1 WNW	51.6	26.5	39.1	- 5.8	77	20	9	12	793	0	0	23	0	1.77	- 2.86	.62	24	1.0	1	11	7	1	0
FLEMINGSBURG 1 SW	49.5	26.5	38.0		75	20	10	12	827	0	1	27	0	1.42		.80	24	.0	0		3	1	0
FRANKFORT LOCK 4	49.9	24.1	37.0	- 7.2	76	20	11	13+	859	0	1	28	0	1.71	- 2.77	.55	24	T	T	27+	5	1	0
LEXINGTON WB AIRPORT R	49.1	28.7	38.9	- 4.3	74	19	13	12	800	0	2	23	0	1.50	- 3.25	.56	23	1.7	2	1	5	1	0
MAYSVILLE SEWAGE PLANT	48.9M	27.1M	38.0M	- 5.1	75	20			827	0	1		0	1.61	- 2.87	.59	24	1.2	1	11	4	1	0
MOUNT STERLING	51.6	28.1	39.9		75	20+	12	12	774	0	0	25	0	0 1.88	- 2.97	.70	24	9.0	4	1	6	1	0
OWENTON 2 S	51.0	22.8	36.9		75	19	5	12	862	0	1	26	0	2.04		1.28	24				5	1	1
RICHMOND	48.9	27.8	38.4		75	20	11	12	818	0	1	23	0	1.85		.54	24	6.0	2	7	8	1	0
SHELBYVILLE	48.5	25.1	36.8	- 7.4	75	20	11	12	868	0	1	25	0	2.47	- 2.65	.75	25	2.9	2	1	4	2	0
WARSAW MARKLAND DAM	48.9	22.6	35.8	- 7.3	76	20	10	12	900	0	2	27	0	2.70	- 1.70	1.02	26	1.5	2	11	5	2	1
WAYNESBURG 7 NE	49.8	28.0	38.9		72	20	9	12	800	0	1	24	0	1.88		.56	24	3.0	3	7	4	1	0
WILLIAMSTOWN 3 NW	50.0	27.6	38.8	- 4.3	75	19	10	12	805	0	1	22	0	1.94	- 2.65	1.09	24	4.5	T	11	5	1	1
DIVISION			38.2	- 6.4										1.80	- 2.83			2.9					
* * * EASTERN 04																							
ASHLAND	50.1	24.2	37.2	- 8.2	77	21	9	13	856	0	2	26	0	1.27	- 2.88	.70	24	.5	1	11	3	1	0
BARBOURVILLE	51.2	23.9	37.6		74	20	12	13+	844	0	1	26	0	1.62		.34	7				7	0	0
BAXTER	50.1	24.4	37.3		72	21	12	13+	851	0	1	27	0	1.92		.36	7	1.6	2	11	8	0	0
BLAINE 2 W	51.0	20.6	35.8		76	21	4	13	896	0	2	29	0	1.58		.60	24	T	T	7	7	1	0
CUMBERLAND	51.4	24.6	38.0		72	24+	7	12	827	0	1	25	0	2.79		.77	24	13.5	3	7	8	2	0

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 26

THE LIBRARY OF THE
MAY 14 1969
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

Continued

Station	Temperature													Precipitation										
										No. of Days								Snow, Sleet			No. of Days			
										Max.		Min.												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
OEWEY OAM	51.1	23.5	37.3		76	21	8	12	850	0	1	28	0	1.80		.52	24		1	11	5	1	0
GRAYSON 3 SE	50.7	21.6	36.2		77	21	7	13+	885	0	1	28	0	1.41		.59	24	1.0	1	11	4	1	0
HEIOELBERG LOCK 14 R	53.0	26.1	39.6		75	20	9	12	781	0	1	26	0	1.75	- 2.96	.65	24		T	11+	6	1	0
HINOMAN 11 NNE	51.2	23.7	37.5		77	21	8	13+	847	0	2	27	0	1.91		.57	7	7.1	2	11+	6	1	0
HYOEN	50.9	23.8	37.4		73	21+	11	13+	849	0	1	28	0	2.39		.50	7	T	0		7	1	0
JACKSON	51.3	23.4	37.4		76	21	10	12	851	0	1	27	0	1.78		.45	24	1.0	1	11	6	0	0
LONOON FAA AP	50.3	25.3	37.8		73	20	11	12	835	0	1	27	0	1.27		.31	23	3.0	2	7	5	0	0
MANCHESTER 4 SE	52.8	25.5	39.2		74	20	11	12	793	0	0	25	0	1.74		.40	24	T	0		7	0	0
MC KEE	48.8	20.3	34.6		75	21	5	12	938	0	2	30	0	2.36		.65	24	6.0	3	1	8	1	0
MIOOLESBORO	50.3	25.0	37.7		71	21+	14	13+	842	0	1	25	0	1.32		.33	7				6	0	0
MONTICELLO	52.3	26.7	39.5		77	20	11	12	784	0	1	26	0	2.12		.61	24				6	1	0
MOUNT VERNON	51.0	24.0	37.5		73	20	7	12	847	0	2	27	0	1.94		.60	24		1	6	5	1	0
PIKEVILLE	54.5	30.1M	42.3M		79	20	13	12	691	0	0	18	0	2.17	- 2.35	.48	24	.6	T	27+	6	0	0
SOMERSET 2 N	51.4	25.0	38.2		74	20+	10	12	824	0	0	25	0	1.77		.55	24	T	0		7	1	0
STEARNS	49.3	24.5M	36.9M		71	21+	12	13+	861	0	0	27	0	1.99		.49	24				7	0	0
TOMAHAWK 1 WSW	51.6	20.4	36.0		76	21	5	13+	890	0	1	29	0	2.05		.51	24	5.5	1	27+	9	1	0
VANCEBURG	48.9M	24.0	36.5M		73	20	5	12	896	0	1	25	0	0 1.91	- 2.56	.99	24				6	1	0
WEST LIBERTY	51.3	22.8	37.1		77	21	8	13+	860	0	1	25	0	1.63		.58	24		2	11	6	1	0
WILLIAMSBURG 1 E	54.0M	27.8M	40.9M	- 6.8	75	20+	12	12	741	0	0	24	0	1.63	- 3.16	.36	24		1	11	6	0	0
OIVISION			37.7	- 8.6										1.84	- 2.86			2.8					

SPECIAL WEATHER SUMMARY

It was a relatively cool, dry, and storm-free month. It was the coolest March since 1965, and the driest March since 1966, which was one of the drier Marches of climatological record. A statistical study indicates that a March as dry as March 1969 occurs less often than once in every 5 to 10 years in the Western and Central Divisions, and less often than once in every 20 years in the Blue Grass and Eastern Divisions.

Days with snowfall of 0.1 inch or more ranged from 0-1 in much of the west to as many as 5-7 in much of the extreme east. There were numerous brush and woods fires until moderate to heavy general rains, the heaviest in about two months, fell on the 23d and 24th. Thunderstorm activity was much below average for a March. There were no reports of thunderstorms from many locations, while several reported 1 or 2 days with thunderstorms. Reports received to date indicate thunderstorms somewhere in the State on at least 5 days - 20th, 21st, 24th, 28th, and 29th.

Weather Bureau Cooperative Observers in several counties in the extreme east reported thunderstorms on the 24th. On the 24th, high or damaging winds were reported in the counties of Boyd, Martin, Floyd, and Pike, and some hail was reported in Floyd County. In Pike County, high winds at 3:45 p.m. on the 24th unroofed and heavily damaged the one-story, 10-room, old Virgie Elementary School; 300 students and faculty escaped injury because school had been dismissed minutes earlier. The high winds also flattened a single classroom building and demolished two automobiles nearby.

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Note: These notes highlight several noteworthy weather events and were compiled before weather data processing for this publication was completed. For further details see the accompanying tables. Also see this month's issue of STORM DATA for more details of the storms noted above and additional storms.

DAILY PRECIPITATION

KENTUCKY
MARCH 1969

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																	
BARDWELL 4 E	2.39						.17		.12		T		T											.76	1.08	.02	T			.24		
BEAVER DAM	1.47						.14	.04	.09	.04														.12	.90	.02	T			.12		
CALHOUN LOCK 2	2.83	.42	T					.12		.15	T	T	T												1.32	.23	.02	.02		.48	.07	
COBB	3.03	.53						.18	T	.32															1.60	T	T			.40	T	
DAWSON SPRINGS	2.01	.05					T	T	T	T	T	T													1.40	.12	T			.44		
DUNDEE 4 ESE	3.28	.58						.15		.25	.02	.01													1.50	.25	T	.02		.50		
DUNMOR	2.91	.42						.30		.20															1.53	.06				.40		
ELKTON 2 S	2.88	.42					T	.30		.35	T	T													1.30	.10	.02	.02		.35	.02	
FORDS FERRY DAM 50	2.75	.45						.06	T	.20	T	T													1.55	.20	T	T		.29		
FRANKLIN 1 E	2.62	.48					T	.37		.13															1.23	.18	T	.01		.22		
GILBERTSVILLE 1 SE	-	T	T	T	T	T	.09		.14	T	T	T	T	T	T	T	T	T						.46	1.29	.03	T	T		-		
GOLDEN POND 8 N	3.36	.19					.05	.11	.10	.29	T														2.00	.09				.53		
GREENVILLE 2 W	2.36	.03					.10	.14	.20	.06	T													.18	1.18	.03	T			.44		
HARTFORD 6 NW	2.73	.31						.11		T	T	T	T									T			1.54	.15	.01	T		.61	T	
HENDERSON 7 SSW	2.11	T					.02		.10	.02	.01	T												.27	1.37	T	.04			.28		
HICKMAN 1 E	2.68						.35	.03	T	.12	T		T											.90	1.00	T	T			.28		
HOPKINSVILLE	2.88	.31					.01	.35	.09	.42		T													1.11	.15	.01	T		.30	.13	
LOVELACEVILLE	2.41						.18		.13															.62	1.20		T			.28		
MADISONVILLE 1 SE	2.98	.42						.28		.28															1.47	.09				.44		
MAYFIELD RADIO WNGO	2.92			T			.23		.14		T	T	T	T	T									.39	1.75	.02	T		T	.39		
MURRAY	2.96	.04					.06	.22	.08	.16															2.01	.05				.34		
OWENSBORO 2 W	2.41							.12		.17	T														1.52	.07	.03			.50		
OWENSBORO DAM 46	2.81	.53						.07		.11	T	T	T												1.36	.23	T	.03		.48	T	
PADUCAH FAA AIRPORT	2.29						.15		.14	T	T	T	T											1.29	.50	T	T		.16	.05		T
PADUCAH	1.97						.10		.12															.22	1.32	T	T			.21		
PARADISE STEAM PLANT R	3.16	.54						.20		.30		T	T												1.25	.30	.15	.01		.32	.09	
PRINCETON 1 SE	2.78	T					.17	.03	.25	.07	T													.19	1.60	.07	T			.40		
ROCHESTER LOCK 3	3.04	.42						.28		.29	.02	T													1.46	.19				.31	.07	
RUSSELLVILLE	3.18	.51						.51		.41	T														1.25	.08		.10		.32		
SEBREE	2.87	.14					T	.07	.11	.08	T	T													1.94	.08	T			.45		
UNIONTOWN DAM 49 //	2.91	.60								.13		.02	T													1.60	.16		.02		.38		
* * * CENTRAL 02																																	
ADDISON DAM 45 //	2.77	.36						.17		.21	T	T	T									T			1.15	.40	.06	.03		.39		
ALBANY 4 N	-	.43						.62		.23	.13														.62			.05		-		
ANCHORAGE	2.36	.25						.04	.15	.17											.03									1.72		
BARDSTOWN NAZARETH COL	-	.31						.12	.10	.08	-	-									.04				1.60	.06	-			.33		
BARREN RIVER RESERVOIR	2.41	.38						.48		.26		T													.82	.13	T	.02		.27	.05	
BOWLING GREEN	2.44							.35		.12		T													1.17	.35	T	.03		.28	.14	
BOWLING GREEN FAA AP	2.62	.01					.43		.05	.29	T	T									T			.81	.51	.03	.01		.02	.46		
BRADFORDSVILLE	1.46	.40						.35		.21															.08					.42		
BROWNSVILLE	2.90	.44						.24		.19	T	T	T									T			1.34	.32	.03	.03		.31	T	
BURKESVILLE 2 W	2.09	.44						.57		T	.15														.78	T		.05			.10	
CAMPBELLSVILLE 2 SSW	1.86	T					.21	.22	.17		.02	.18									T				.67	.01	.01			.37		
CANEYVILLE	3.07	.41						.20		.27		T													1.41	.32	.07			.39		
CECILIA	2.40	.04					.19		.13	.04	.04	.04													1.40	.06	.11			.35		
CLERMONT 1 SSE	2.87	.59					T	.12	.07	.09	.01	T									T				1.48	.10	.08	.06		.27		
EDMONTON	2.43	.40						.53		.15															1.00		.15			.20		
GAMALIEL 1 S	2.37	.38	T					.58		.10	T	T	T							T					1.12	.02	T			.12	.05	
GLASGOW	2.84	.54					T	.48		.02	.36														.90	.12				.42		
GLASGOW WKAY	2.29	T					.39	.06	.04	.29	T	T												.08	.80	.09	.06			.48		
GLENDALE 1 E	2.96	.47						*	*	.65															1.05	.56		.01		.20	.02	
GREENSBURG	2.30	.42	T					.41		.27	T	.01													.87	T	T	.03		.22	.07	
GREENSBURG HIWAY 61	2.22	.39						.41		.22	.01	T													.88	.01	T	.01		.25	.04	
HODGENVILLE-LINCOLN NP	2.02	T					T	.15	.05	.07															*	*	1.45			.30		
IRVINGTON	1.92	.18						.04	.09	.02	T	T													1.11	.06	.08			.34		
LEITCHFIELD 2 N	2.66	.38						.18	T	.19	T	.02										T			1.02	.48	T			.32	.07	
LIBERTY	1.78	.33						.34		.06	.05	.04													.63	.02	.03	.05		.17	.06	
LOUISVILLE	-	.56						.11	.07	.08		T									T				1.15	.08	.05			-		
LOUISVILLE WB AP R	1.94	.03					.10		.13	.04	T	T									.02			.57	.67	.06	.10		T	.22		
LOUISVILLE UPPER GAGE	1.97	.23						.12		.11	.03	T													.83	.30	.08	.05		.22		
MAMMOTH CAVE PARK	2.66	.08					.01	.29	T	.29	T	T									T				1.52	.09	T	T		.38		
MILLERSTOWN	2.71	.50						.18		.16															1.26	.24	.04			.33		
MUNFORDVILLE	2.59	.39						.29		.17	T	T	T									T			.97	.43	T	T		.34	T	
NOLIN RIVER RESERVOIR	2.74	.39						.25		.24	.01	T													1.20	.25	.02	.02		.33	.03	
ROUGH RIVER DAM	3.19	.58						.17		.24	.04	T	T												1.30	.25	T	.10		.50	.01	
SCOTTSVILLE 3 SSW	1.76	.08					.30	.08	.05	.10															.77	.07	.03			.28		
SCOTTSVILLE 2 SW	2.40	.40						.55		.15		T													1.00	T		T		.30		
SHEPHERDSVILLE	2.33	.20						.10		.20	.05	.06									T				.93	.43	.08	.10		.18		
SUMMER SHADE	2.09	.05					.45	.09	.02	.22	T													.11	.86	.04	T			.25		
WOLF CREEK DAM	1.99	.32			.02			.59		.15															.62	.04	.02	.05		.11	.07	
WOODBURY LOCK 4	2.90	.43						.21		.26		.01	T												1.40	.10	.02	T		.40	.07	
* * * BLUE GRASS 03																																	
BEREA COLLEGE	1.46	.08			.01		.04	.22	T	.12	.03	.01									T				.54	.01	.06	.01		.33		
BEREA	1.72	.24				T		.27		.01	.13	.04	.01												.55	.05	.03	.06		.17	.16	
CARROLLTON LOCK 1	1.79	.05						.09		.18	T	.10										T			.77	.28	.07	.05		.20		
COVINGTON WB AIRPORT R	1.42	T					.02	T	.18	.03	T	.07									T	T		.10	.64	.01	.15	.01	T	.21		
CYNTHIANA	1.51	.17						.09		.13	.11	.03										T			.64	.21	.03	.06		.04		
CYNTHIANA 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DANVILLE	1.61	.25						.28		.10	.08	T	.01												.54	.03	.02	.05		.19	.06	
DIX DAM	1.73	.27									.38	T													.67	.06	T	T		.35		
FALMOUTH 5 WNW	1.60	.08	T					.09		.13	T	.12										T			.43	.51	.08	.03		.13	T	
FARMERS 1 WNW	1.77	.23	T					.15	T	.08	.19	.04	T									T			.62	.13	.07	.03	T	.11	.12	
FLEMINGSBURG	1.46	.12	T					.10	T	.13	.06	.05													.60	.28	.04	.05		.03		
FLEMINGSBURG 1 SW	1.42	.13						.07	.03	.15	T	.05													.80	.09	.04	T		.06		
FORD LOCK 10	1.61	.65	T					.08		.08	T	T										T			.56	.06	T	.08		T	.10	
FRANKFORT LOCK 4	1.71	.34	T					.08		.20	.04	T										T			.55	.33	.02	.02		.13		
GEORGETOWN WATER WORKS	1.64	.15						.06		.16		.06													.68	.42				.11		
GEST LOCK 3	1.23	.28						.05		.04	.05	.05										T			.32	.20	.03	.06		.15		
HIGH BRIDGE LOCK 7	1.66	.26						.18		.08	.07	T													.65	.05	.03	.05		.14	.15	
KEENE 1 SSW	1.77	.36						.26																	.76	.05	.07			.27		
LA GRANGE 1 ESE	1.93	.22				T	T	.05	T	.21	T	T									.02			T	1.03	.17	T	T		.23		
LANCASTER	1.80	.27				.11		.30			.23		.04												.46	.06		.08		.25		
LEXINGTON WB AIRPORT R	1.50	T					.10	T	.22	.09	T	T									T			.56	.20	.02	.05	T		.26		
LITTLE HICKMAN LOCK 8	1.40	.31						.21		.09	T	.04													.56	.04	T	.03		.12	T	
LOCKPORT LOCK 2	1.91	.29						.05		.08	.06	.04									.01				.64	.53	.07			.14		
MAYSVILLE SEWAGE PLANT	1.61	.13	T					.09	T	.11	.07	.05	T									T			.59	.38	.07	.06		.06		
MIDWAY	1.89	.38						.10		.08	.05	T													.65	.46	T	.06		.11		
MOUNT STERLING	D 1.88D	.38				D	.15		T D	.22	T D	.05									T				.70	.07D	.10			.21		
OWENTON 2 S	2.04	.08					T	.05	.07	.16	T	.05									T				1.28	.15	.10	T		.10		
RICHMOND	1.85	.29				.02		.25		.11	.12	.03										T			.54	.10	.02	.10		.23	.04	
SALVISA LOCK 6	2.45	.54	T					.19		.17	.12	.05													.67	.21	.04	.12		.21	.13	
SHELBYVILLE	2.47	.49						.06		.08	.06	.02													.70	.75	.06	.05		.20		
SPRINGFIELD	2.05	.40	T							.25		.04													.74	.42				.20	T	
TAYLORSVILLE	2.61	.43						.14	.18	.04		.08	.05									.01			.65	.63	.11	.06		.23		
TYRONE LOCK 5	2.13	.48						.13		.09	.04	.03	T												.72	.39	.02	.06		.13	.04	
VALLEY VIEW LOCK 9	1.49	.35	T			T		.16	T	.10	T	.03	T												.55	.02	.01	.02		.13	.12	
WARSAW MARKLAND DAM	2.70	.04						.04		.30	.03	.06	.02									.02			.65	.30	1.02	.02		.20		

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WAYNESBURG 7 NE	1.88	.36						.45		.06	T	.09													.56	T		.08		.28			.
WILLIAMSTOWN 3 NW	1.94	.11	.01				T	.04	.10	.08	T	.06									.03				1.09	.09	.13	.01		.19			.
* * *																																	
EASTERN 04																																	
ASHLAND	1.27	.04	.02					.16		.15	T	.04									T	T			.70	.03	.01	T	.01	.03	.08		.
BARBOURVILLE	1.62	.21						.34		.23	.15	.01								.03		T			.32	.02	.04	.10			.17		.
BAXTER	1.92	.32						.36		.05	.23	.05	.01							.16		.10			.33	.02	.02	.10		T	.17		.
BLAINE 2 W	1.58	.18						.20		.15												.10			.60			.10			.25		.
BUCKHORN	1.70	.25	.05			T		.30		.10	.23	.02	.02									T			.43	T	T	.05		T	.25		.
BURDINE 2 NE	-							.50	.10		.25	.10													.20	.10					-		.
CLAY CITY 1 WNW	1.95	.40						.20		.10	.20		.05												.45	.05	T	.05		.15	.30		.
COLLEGE HILL LOCK 11	1.11	.29						.15	T	.06	T	T	T												.42	T	T	.05		.14			.
CUMBERLAND	2.79	.16	.03		T		.07	.54	T	.14	.09	.17							.03	.15	T	.17			.77	.07	.08	.07		.25			.
CUMBERLAND FALLS ST PK	1.25	.25					.15			.20	.15														.20					.30			.
DEWEY DAM	1.80	.30	.05					.26		.12	.23	.04	.05									.05			.52	.04	.03	.08		.03			.
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
FREEBURN 2 SW	2.17	.28	.01					.61	.02	.11	.02	.14	.02									T			.33	.21	.05	.08	T		.29		.
FRENCHBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
GRAYSON 3 SE	1.41	.09	.02					.16		.11	.08	.04	T									T			.59	.04	.03	.05	T	.08	.12		.
HAZARD WATER WORKS	2.53	.35	.05					.53		.21	.22	.10	.02									.04			.35	.18		.14			.34		.
HEIDELBERG LOCK 14 R	1.75	.29						.26		.07	.15	T	T									.10			.65	T	T	.08		T	.15		.
HINDMAN 11 NNE	1.91	.14						.57			.08	.17										.06			.35	.08		.04		.10	.32		.
HYDEN	2.39	.37	.01					.50	T	.15	.26	.06	T									.05			.35	.20	.07	.08		.01	.28		.
JACKSON	1.78	.26	T					.37		.09	.20	.03	T												.45	T	.02	.14		.13	.09		.
JEREMIAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
LLOYD GREENUP DAM	1.14	.01						.06		.14	T	.02										T			.65	.12	.04	.05		.05	T		.
LONDON FAA AP	1.27	T	T		T		.30	.01	.05	.12	.05	.04									T			.31	.12	.02	.03	T		.22			.
LOUISA 2	1.35	.09	.02					.20		.08	.04	.04	.06									.05			.55	.02	.02			.05	.13		.
MANCHESTER 4 SE	1.74	.27						.36		.15	.09	.11	T												.40			.11		T	.25		.
MARTIN	2.51	.41						.43	.10	.08	.09	.33	T									.12			.51	.20		.10	T		.14		.
MC KEE	2.36	.35	T					.29		.26	.14	.04	T												.65	.10	T	.09		.14	.30		.
MIDDLESBORO	1.32	.20	T					.33		.11	.09	T	T							.13					.19	.09	.04	T		T	.14		.
MONTICELLO	2.12	.45						.49		.15	.15	T													.61	.01		.09			.17		.
MOUNT VERNON	1.94	.03			.04		.19		.14	.22	.03	.04										T			.60	.07	.09	.05		.44			.
ONEIDA	1.99	.35						.37		.20	.10	.10	.03												.48	.07		.06		.05	.18		.
PAINTSVILLE 1 S	1.82	.25						.30		.13		*	.08												.73	T	T			.05	.28		.
PIKEVILLE	2.17	.15	.03				.23	.42	T	.40	T	.03									T	T			.48	.03	.08	T		.32			.
PINEVILLE 4 NW	1.89	.28						.41		.24	.23	.03								.05					.29	.05	.05	.08			.18		.
RAVENNA LOCK 12	1.45	.25						.17		.03	.18	T	T									T			.51	T	T	.03		.18	.10		.
SALYERSVILLE 2 SE	1.66	.26						.34		.12	.03	.16										.15			.34			.05		.01	.20		.
SOMERSET 2 N	1.77				.10		.14		.06	.22															.55	.05	.10	.02		.26	.27		.
STEARNS	1.99	.20			T			.43		.25	.23	.02								.05		.07			.49	T	T	.10			.15	T	.
TILFORD	-	*	*	*	*	*	*	1.33	*	.59	.11	.12										.14			.23	.230	.04		-	-	-		.
TOMAHAWK 1 WSW	2.05	.19						.35		.12	.15	.10	.05									.05			.51	T	T	.10	.10	.08	.25		.
VANCEBURG	D 1.91	.07	.01						.10	.19	T 0	.15									T				.99	.23	T			.17			.
WEST LIBERTY	1.63	.24						.15		.13	.22	.07	T									T			.58	.04	.02	.13	T	.05	T		.
WILLIAMSBURG 1 E	1.63	.21						.33		.26	.16	.03													.36			.06			.22		.
WILLOW LOCK 13	1.71	.26	.02					.28	T	.07	.14	.02													.61	.02	T	.04		.12	.13		.

EXTREMES

HIGHEST TEMPERATURE MAYFIELD RADIO WNGD	80	DATE	19
LOWEST TEMPERATURE 2 STATIONS	4	DATE	13+
GREATEST TOTAL PRECIPITATION GOLDEN POND 8 N	3.36		
LEAST TOTAL PRECIPITATION COLLEGE HILL LOCK 11	1.11		
GREATEST 1 DAY PRECIPITATION MURRAY	2.01	DATE	24
GREATEST TOTAL SNOWFALL CUMBERLAND	13.5		
GREATEST DEPTH OF SNOW 2 STATIONS	5	DATE	07

DAILY TEMPERATURES

KENTUCKY
MARCH 1969

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	43	48	48	48	49	44	53	54	50	33	38	37	48	50	48	57	68	70	77	70	58	66	61	51	44	40	50	67	63	46	50	52.5
	MIN	29	25	31	29	23	34	26	32	24	21	22	21	19	21	23	20	23	36	32	50	33	28	41	43	38	30	25	32	27	27	25	28.7
BEAVER DAM	MAX	38	49	47	48	50	48	50	49	48	32	32	37	45	49	47	55	66	67	77	76	65	63	65	56	49	40	53	67	65	41	48	52.3
	MIN	30	26	25	27	19	34	27	33	27	18	22	10	14	18	17	17	21	32	30	53	35	22	40	45	37	31	22	29	35	24	17	27.0
FORDS FERRY DAM 50	MAX	37	45	45	45	49	42	50	50	36	31	35	39	45	47	45	56	68	66	77	78	55	65	65	52	43	39	53	66	46	40	46	50.2
	MIN	26	26	29	29	25	35	30	33	24	21	21	17	19	23	22	23	28	35	38	46	34	32	42	41	32	30	27	34	27	27	23	29.0
GILBERTSVILLE 1 SE	MAX	46	50	49	50	50	48	55	52	51	35	38	38	48	52	49	57	69	69	79	74	61	64	65	53	48	40	55	70	67	45	48	54.0
	MIN	28	24	31	27	23	38	29	35	25	19	22	18	18	20	21	20	25	40	36	57	35	31	47	45	38	33	27	36	37	25	27	30.2
GOLDEN POND 8 N	MAX	39	46	49	46	49	49	38	52	52	38	32	38	33	48	52	49	57	68	67	78	70	59	66	64	55	42	39	54	69	44	44	51.2
	MIN	29	27	30	29	26	28	30	31	25	20	22	19	22	24	25	19	29	39	37	41	35	31	37	45	39	34	27	32	36	27	26	29.7
GREENVILLE 2 W	MAX	39	48	46	47	50	47	49	48	48	36	34	38	47	50	48	57	67	66	76	72	65	63	65	54	47	42	53	67	65	41	47	52.3
	MIN	28	22	25	26	19	34	25	32	25	17	21	11	15	18	17	18	21	34	32	57	34	23	41	46	37	31	20	32	34	24	18	27.0
HENDERSON 7 SSW	MAX	36	48	47	49	48	44	50	46	45	30	33	36	44	46	47	55	65	70	76	70	55	63	65	52	45	37	52	64	61	41	41	50.4
	MIN	26	26	27	30	24	35	29	35	26	21	21	15	19	22	22	22	32	35	45	55	33	28	46	45	37	31	26	34	33	25	21	29.9
HICKMAN 1 E	MAX	41	46	45	46	48	45	50	52	45	35	36	34	46	50	45	57	67	67	77	75	62	63	63	50	43	38	47	66	66	53	47	51.8
	MIN	28	25	30	27	22	32	25	32	22	20	22	20	18	20	23	22	28	41	44	50	33	29	43	43	38	31	22	30	33	25	26	29.2
HOPKINSVILLE	MAX	45	46	50	45	50	50	37	53	50	39	32	39	40	49	52	50	59	68	65	79	73	59	64	63	54	41	39	55	69	45	45	51.8
	MIN	31	28	29	29	26	24	28	29	28	20	20	16	19	22	23	25	25	30	36	37	34	29	29	44	39	34	25	26	33	25	24	28.0
LOVELACEVILLE	MAX	43	49	48	50	49	45	54	54	47	33	38	38	48	51	48	59	70	70	78	70	58	67	64	52	43	39	50	67	62	44	50	52.8
	MIN	27	23	29	28	21	35	25	31	24	20	21	16	17	19	20	19	22	36	32	55	29	31	42	43	38	32	22	31	33	25	24	28.1
MADISONVILLE 1 SE	MAX	41	48	46	48	51	47	50	49	49	33	34	37	46	49	48	56	67	68	77	73	63	63	65	55	48	40	53	66	64	42	46	52.3
	MIN	27	25	26	29	22	34	28	33	25	19	21	13	17	21	19	19	23	33	38	50	34	25	40	45	38	32	24	31	34	25	19	28.0
MAYFIELD RADIO WNGO	MAX	47	54	54	54	54	43	56	55	55	45	41	40	51	54	52	62	74	71	80	75	63	70	66	56	46	42	53	70		50	52	56.2
	MIN	29	26	22	24	21		25	31	24	19	23	11	11	19	20	19	23	31	31	48	23	26	41	41	39	33	22	23		28	23	26.1
MURRAY	MAX	39	44	49	46	48	50	43	51	51	37	32	38	39	47	52	46	58	68	66	78	69	58	67	63	53	42	39	51	70	45	45	51.1
	MIN	30	25	30	28	24	28	29	33	25	20	23	19	22	22	25	24	27	35	40	48	35	30	44	45	39	34	26	32	36	26	25	30.0
OWENSBORO 2 W	MAX	36	52	48	48	51	45	48	48	45	32	33	36	44	46	49	55	67	72	78	72	58	68	66	53	47	38	52	65	60	40	42	51.4
	MIN	26	25	27	30	23	38	28	35	26	20	21	14	18	23	20	21	25	33	35	52	33	26	43	47	36	30	26	33	32	25	20	28.7
PADUCAH FAA AIRPORT	MAX	42	48	48	48	50	39	51	52	36	33	38	38	48	49	47	57	68	70	76	67	57	65	62	51	41	39	51	66	46	42	48	50.7
	MIN	28	26	30	30	22	34	29	31	23	20	22	18	18	22	20	21	25	37	36	43	35	31	46	41	35	30	28	37	29	25	25	28.9
PADUCAH	MAX	43	47	47	48	48	47	53	53	53	43	37	39	47	49	47	55	68	69	77	76	63	65	65	52	47	40	52	67	66	42	46	53.3
	MIN	27	25	31	28	24	35	29	27	24	20	21	19	20	21	20	20	25	36	34	57	36	32	45	45	38	30	25	28	34	26	25	29.3
PRINCETON 1 SE	MAX	41	47	45	47	49	47	51	49	50	34	37	38	46	49	48	58	68	68	78	75	64	63	63	53	48	40	53	67	65	42	46	52.5
	MIN	27	23	25	28	21	35	28	35	25	18	20	12	18	20	20	20	25	38	35	56	34	27	48	44	37	32	26	33	34	23	20	28.6
ROCHESTER LOCK 3	MAX	38	40	49	43	48	51	40	48	48	34	29	35	38	45	48	47	56	67	67	76	71	56	64	66	55	42	39	52	66	44	42	49.8
	MIN	33	27	23	24	21	21	28	28	31	20	20	13	13	18	20	19	21	21	30	30	37	24	25	41	39	33	25	25	35	26	21	25.5
RUSSELLVILLE	MAX	45	39	50	41	48	50	41	50	49	36	30	37	42	47	52	48	57	67	65	75	73	58	62	64	56	41	39	52	68	45	45	50.7
	MIN	31	28	26	25	20	23	27	29	28	19	22	12	17	19	19	19	22	30	32	38	34	25	29	44	39	32	29	30	37	24	18	26.7
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	39	48	47	47	48	47	45	47	46	34	33	37	43	46	48	54	65	68	76	72	53	61	68	62	54	42		64	60	39	43	51.2
	MIN	28	32	20	24	19	32	29	33	32	18	21	11	16	20	20	20	24	29	38	48	37	25	38	42	30	28	33	36	37	21	16	27.6
BARDSTOWN NAZARETH COL	MAX	33	43	42	44	48	46	43	46	43	32	31	34	41	45	46	53	65	65	73	71	67	59	66	62	48	36	47	60	59	40	44	49.4
	MIN	28	31	24	28	20	31	30	32	30	18	22	11	15	22	22	19	26	31	35	52	33	25	40	43	36	30	26	31	32	21	16	27.7
BARREN RIVER RESERVOIR	MAX	40	37	49	39	49	51	38	47	49	31	29	35	39	46	51	47	56	67	62	71	73	58	63	66	60	41	39	53	66	47	46	49.8
	MIN	34	30	27	28	20	20	29	30	31	15	16	12	13	14	14	19	21	28	30	34	36	24	26	41	38	32	25	26	35	24	20	25.5
BOWLING GREEN FAA AP	MAX	39	49	40	48	51	37	48	49	41	29	37	38	46	52	48	55	65	64	75	73	58	64	67	58	43	38	52	65	52	44	48	50.7
	MIN	33	31	26	28	22	33	29	31	26	18	22	15	21	22	23	21	23	40	30	46	35	27	38	43	35	29	25	31	30	26	21	28.4
BRADFORDSVILLE	MAX	39	40	47	45	48	51	43	47	52	34	32	35	38	45	49	47	61	69	70	75	70	57	68	69	61	40	46	54	63	43	44	51.0
	MIN	32	30	19	22	15	31	29	27	32	19	23	9	11	17	15	14	17	29	25	36	30	18	27	44	37	32	30	24	40	23	15	24.9
CAMPBELLSVILLE 2 SSW	MAX	36	46	46	47	50	47	45	51	45	32	33	37	44	50	50	52	66	64	75	73	69	60	70	67	53	40	51	63	62	43	48	52.1
	MIN	30	31	26	31	20	34	29	28	30	18	22	13	18	22	23	24	24	37	32	52	33	24	44	50	36	30	26	29	40	23	16	28.9
CECILIA	MAX	35	48	44	46	50	48	48	49	45	32	33	37	44	48	48	52	65	65	75	73	62	61	67	60	49	38	51	63	59	42	45	51.0
	MIN	29	32	23	29	19	32	29	31	31	15	23	12	16	19	18	19	24	30	29	50	33	23	34	43	36	29	24	29	38	22	12	26.9
CLERMONT 1 SSE	MAX	36	47	49	48	50	50	46	48	46	34	35	37	44	49	49	56	68	69	76	76	69	62	68	65	50	39	50	65	62	45	47	52.7
	MIN	29	29	20	26	24	30	29	28	31	17	23	7	10	12	15	15	19	26	29	43	28	21	30	43	36	30	25	26	38	18	13	24.8
GLASGOW WKAY	MAX	35	48	38	45	51	43	45	50	42	28	33	38	44	49	48	57	65	62	74	71	62	62	65	58	49	38	52	64	59	45	49	50.6
	MIN	32	31	24	27	19	31	25	32	28	14	20	11	15	19	18	18	21	38	30	55	33	25	36	43	36	31	23	28	38	28	18	27.3
GREENSBURG	MAX	40	38	50	41	43	52	39	47	52	35	30	35	40	46	51	50	59	68	62	76	74	58	68	68	63	41	40	52	65	46	46	50.8
	MIN	34	33	23	27	19	21	30	29	33	19	20	12	15	19	19	22	20	34	28	31	36	24	29	38	39	33	25	28	35	25	19	26.4
HODGENVILLE-LINCOLN NP	MAX	35	48			49	48	48	48	46			38	43	49	48	55			75	75	70	61	67	64			51	64	62	42		53.9
	MIN	31	32			18	32	28	32	30			10	14	18	17	18	22			50	30	22	38			30	23	30	39	21		26.6
IRVINGTON	MAX	36	48	47	48	48	49	46	46	45	32	32	35	45	46	47	55	65	67	74	75	72	63	66	62	47	38	49	63	62	40	44	51.4
	MIN	28	31	24	27	17	30	28	34	30	17	22	10	12	17	15	16	20	27	28	49	33	19	33	44	37	30	22	27	36	22	15	25.8
LEITCHFIELD 2 N	MAX	36	48	43	46	48	42	46	46	39	30	29	36	41	47	46	54	63	63	74	71	58	60	65	54	47	35	49	62	60	40	44	49.1
	MIN	31	31	23	29	19	32	29	35	30	17	23	11	17	21	19	18	21	30	28	54	34	21	31	40	35	32	26	30	35	21	16	27.1
LOUISVILLE	MAX	37	48	48	48	50	51	47	47	45	36	34	38	44	46	47	55	67	69	76	78	66	62	70	66	50	39	51	64	63	39	44	52.4
	MIN	29	32	28	34	29	28	34	36	32	20	25	19	23	29	27	26	31	35	42	55	38	33	39	50	37	32	29	30	39	25	23	31.9
LOUISVILLE WB AP	MAX	39	48	47	47	49	44	47	47	43	30	34	40	44	48	48	55	66	69	77	74	55	61	68	55	45	40	50	64	52	41	44	50.7
	MIN	31	31	25	34	23	34	33	33	28	21	24	15	18	23	21	20	25	30	33	49	35	28	37	45	38	33	28	29	31	25	19	29.0
MAMMOTH CAVE PARK	MAX	37	47	46	46	50	50	46	50	44	32	33	36	44	50	48	57	65	62	76	74	70	61	67	61	49	39	52	65	62	43	49	52.0
	MIN	26	25	20	25	18	30	25	32	25	8	15	6	12	13	11	10	20	36	31	55	31	22	37	43	32	29	23	25	36	21	13	24.4

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Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	37	38	47	42	48	52	38	48	49	33	28	34	39	45	50	49	57	68	64	77	73	56	64	67	57	40	39	53	65	51	43	50.0
	MIN	33	30	25	26	18	19	29	29	31	17	16	10	14	17	15	17	17	22	29	32	35	22	26	44	38	31	23	23	35	22	16	24.5
ROUGH RIVER DAM	MAX	35	36	48	45	50	52	42	48	47	33	38	33	37	45	47	48	57	67	67	77	72	54	64	66	55	40	38	52	65	40	43	49.7
	MIN	30	25	25	26	20	20	29	30	30	16	18	10	11	16	17	18	22	25	31	35	34	23	28	43	38	32	25	27	33	22	16	25.0
SCOTTSVILLE 3 SSW	MAX	40	47	46	47	50	45	46	49	47	30	35	38	44	52	49	56	67	62	75	72	65	61	65	60	53	38	52	66	62	44	49	52.0
	MIN	32	30	26	28	25	32	30	34	28	16	20	15	21	24	23	25	34	47	39	52	35	33	34	48	38	31	26	32	37	21	20	30.2
SUMMER SHADE	MAX	37	47	45	46	50	41	44	49	45	30	32	38	43	50	46	57	65	60	74	73	60	63	65	61	51	39	51	69	58	45	50	51.1
	MIN	33	30	25	26	20	30	29	29	29	12	21	11	15	19	18	20	22	40	30	48	29	24	35	44	37	32	24	29	39	20	18	27.0
WOLF CREEK DAM	MAX	42	38	49	41	48	50	39	46	50	34	30	36	41	45	50	47	58	65	59	75	74	59	62	66	60	41	43	52	65	50	48	50.4
	MIN	30	32	20	23	18	26	31	25	33	20	23	12	14	17	16	16	18	31	26	36	29	22	27	45	39	35	31	25	36	29	17	25.9
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	33	35	44	44	50	47	40	47	45	31	32	37	42	47	46	55	67	62	73	73	69	62	68	67	56	37	48	63	60	42	45	50.5
	MIN	31	31	31	27	20	32	29	34	31	18	22	12	21	23	20	22	26	37	34	53	38	27	40	43	37	29	29	31	39	26	18	29.4
CARROLLTON LOCK 1	MAX	40	45	47	47	49	50	47	46	43	38	34	40	44	47	45	55	66	67	77	76	71	60	64	64	53	42	49	62	62	41	44	52.1
	MIN	30	30	20	30	17	30	30	35	33	20	21	10	15	21	18	17	22	25	30	40	39	21	30	44	37	32	30	26	39	23	15	26.8
COVINGTON WB AIRPORT	MAX	42	45	47	44	50	44	43	44	40	30	29	37	42	42	45	52	65	68	74	73	50	57	64	54	47	37	46	59	50	35	43	48.3
	MIN	29	27	22	28	18	30	30	33	28	22	15	12	16	20	18	17	22	31	31	40	31	23	37	44	35	29	29	29	28	22	17	26.2
CYNTHIANA 2	MAX	45	38	45	48	46	50	44	45		48	31	33	40	44	47	48		65		75								52	62	47		
	MIN	28	30	26	24	14	20	30	30		20	18	8	14	20	15	15	19			26								18	37	22		
DANVILLE	MAX	35	33	42	42	46	50	42	44	51	37	29	33	37	42	48	47	56	66	61	74	73	56	61	68	62	39	39	50	63	48	42	48.9
	MIN	27	30	26	30	20	20	30	30	33	19	19	13	12	20	21	21	25	25	36	37	37	27	27	38	37	32	27	27	34	24	18	26.5
DIX DAM	MAX	34	38	42	45	49	49	42	50	50	36	33	36	42	47	46	54	65	64	74	75	69	59	62	62	59	39	48	62	63	45	44	51.1
	MIN	30	31	26	29	20	28	28	30	29	19	22	13	19	22	20	20	23	32	31	45	29	24	28	43	37	32	27	28	38	23	18	27.2
FALMOUTH 5 WNW	MAX	41	40	49	46	51	45	45	48	42	35	36	39	43	46	47	55	67	68	76	72	64	59	65	61	50	40	47	61	57	48	45	51.2
	MIN	30	26	19	23	10	23	27	26	32	20	9	4	9	13	11	10	16	18	24	33	39	14	26	43	36	30	28	21	35	17	9	22.0
FARMERS 1 WNW	MAX	37	39	48	44	50	45	41	51	45	36	33	38	43	44	47	55	66	62	74	77	67	58	68	67	58	45	50	65	60	42	46	51.6
	MIN	33	32	31	22	15	30	31	28	33	23	21	9	14	23	18	16	20	27	26	34	43	21	25	44	38	33	31	22	39	25	16	26.5
FLEMINGSBURG 1 SW	MAX	40	37	46	41	48	45	41	48	43	35	29	37	41	44	46	53	63	63	73	75	66	55	66	62	53	39	45	61	58	39	44	49.5
	MIN	29	30	28	28	18	30	30	28	32	21	18	10	15	21	20	17	23	27	28	42	40	20	30	43	32	30	28	26	39	22	15	26.5
FRANKFORT LOCK 4	MAX	41	36	42	47	48	51	43	46	48	41	30	35	41	43	48	49	56	67	65	76	72	55	60	66	61	40	41	50	62	45	42	49.9
	MIN	24	31	27	28	18	19	31	29	30	20	19	11	11	16	18	17	17	22	26	29	41	22	22	29	38	34	29	25	26	23	16	24.1
LEXINGTON WB AIRPORT	MAX	35	35	46	45	48	42	42	49	41	29	32	37	42	46	46	53	64	63	74	73	53	58	67	60	47	38	48	64	58	41	45	49.1
	MIN	32	28	30	29	19	34	31	30	29	20	18	13	19	23	20	22	27	37	38	48	36	29	37	45	36	31	27	30	30	23	20	28.7
MAYSVILLE SEWAGE PLANT	MAX	37	42	37	39	44	51	45	42	50	40	33	31	39	43	45	47	55	65	65	75	68	54	55	65	60	41	43	48	61	46		48.9
	MIN	20	31	26	30	18	20	30	34	39	29	23		13		22			24	30	34		23	25	30	39	31	28	26	29	24		27.1
MOUNT STERLING	MAX	35	36	47	46	50	48	43	49	48	36	33	38	44	46	47	54	65	64	75	75	70	58	68	66	59	40	48	60	62	46	44	51.6
	MIN	31	31	31	29	18	32	29	29	32	21	22	12	18	22	20	20	25	32	33	46	41	24	32	43	37	30	29	27	38	22	16	28.1
OWENTON 2 S	MAX	37	45	50	46	51	50	43	42	41	36	32	39	42	45	46	54	66	70	75	71	69	61	65	61	50	40	48	61	60	41	45	51.0
	MIN	29	28	19	28	11	27	23	26	32	19	15	5	9	14	10	11	17	22	25	36	38	16	25	43	37	31	29	20	38	15	9	22.8
RICHMOND	MAX	35	33	34	43	45	51	41	43	49	38	29	35	37	44	49	48	55	67	60	75	74	58	59	68	63	40	42	50	63	45	44	48.9
	MIN	29	29	31	29	17	27	29	29	35	19	22	11	14	19	18	19	25	39	32	45	35	25	37	43	38	32	28	29	37	24	17	27.8
SHELBYVILLE	MAX	37	37	45	47	46	49	43	45	46	36	29	33	37	42	46	47	54	65	67	75	71	52	60	65	57	39	39	49	62	42	40	48.5
	MIN	25	28	25	29	18	19	30	30	33	18	18	11	12	16	18	18	21	28	35	35	36	24	25	39	37	32	25	26	30	22	15	25.1
WARSAW MARKLAND DAM	MAX	43	40	45	48	45	49	45	45	44	39	30	31	40	44	44	46	54	66	65	76	74	52	60	66	55	40	40	48	63	43	37	48.9
	MIN	19	30	20	18	17	15	29	30	34	22	18	10	12	14	18	15	15	20	24	27	40	20	19	32	39	34	30	23	23	20	14	22.6
WAYNESBURG 7 NE	MAX	35	40	41	43	50	42	41	49	42	36	30	37	41	47	45	55	64	61	71	72	65	59	67	66	54	37	48	61	57	41	47	49.8
	MIN	30	30	26	29	22	32	27	29	29	18	19	9	18	20	19	24	29	43	36	45	32	28	37	42	36	28	25	26	38	24	18	28.0
WILLIAMSTOWN 3 NW	MAX	38	39	47	45	50	43	44	47	41	35	31	38	42	44	46	54	65	65	75	72	68	60	64	62	50	38	47	60	57	39	45	50.0
	MIN	28	25	23	28	18	30	29	33	31	19	16	10	17	22	19	22	31	37	40	51	37	28	36	35	36	29	27	31	35	19	15	27.6
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	49	40	38	49	44	51	45	41	52	40	32	31	39	45	45	49	55	66	63	74	77	55	57	67	65	45	42	46	64	48	39	50.1
	MIN	23	35	30	25	16	17	30	28	33	26	22	10	9	12	17	16	19	25	25	26	36	20	22	22	43	35	29	23	27	28	21	24.2
BARBOURVILLE	MAX	43	39	44	44	45	50	41	46	52	41	29	36	42	45	53	50	59	62	62	74	72	62	62	63	71	41	42	51	61	55	49	51.2
	MIN	26	33	23	22	16	16	30	26	26	25	22	12	12	15	18	17	17	18	36	33	34	22	22	24	40	32	30	22	23	32	18	23.9
BAXTER	MAX	41	39	44	43	41	51	42	39	51	41	30	33	40	44	49	49	57	66	59	70	72	60	61	66	68	44	40	48	62	57	47	50.1
	MIN	21	32	31	22	17	17	28	27	28	26	21	12	12	15	19	18	19	19	36	31	31	24	24	26	42	34	30	21	21	34	19	24.4
BLAINE 2 W	MAX	48	39	38	47	46	52	45	46	52	40	30	32	40	42	48	48	56	68	61	73	76	56	65	68	72	47	47	47	62	48	42	51.0
	MIN	15	32	31	18	14	12	27	25	25	27	23	6	4	11	15	13	13	16	22	21	28	19	17	19	42	35	30	20	20	28	12	20.6
CUMBERLAND	MAX	37	40	43	35	52	48	37	51	47	33	30	40	43	47	50	59	67	60	70	72	67	60	65	72	59	41	47	63	58	47	53	51.4
	MIN	24	31	18	19	15	26	30	26	32	22	20	7	12	21	18	16	16	32	36	33	30	22	21	41	36	24	29	19	37	34	17	24.6
DEWEY DAM	MAX	50	41	41	48	46	49	45	41	52	41	30	33	38	44	46	48	55	68	62	73	76	60	58	70	72	45	44	49	65	50	45	51.1
	MIN	27	34	32	19	16	19	32	25	25	27	23	8	9	14	19	18	17	20	26	28	32	23	22	22	44	36	31	20	22	26	12	23.5
GRAYSON 3 SE	MAX	47	38	38	49	47	52	46	40	53	40	32	33	40	45	47	49	56	67	62	74	77	57	58	68	71	42	43	47	64	48	41	50.7
	MIN	15	34	30	18	13	13	29	25	28	26	23	7	7	11	14	14	15	18	23	23	32	18	19	26	42	34	30	20	22	26	14	21.6
HEIDELBERG LOCK 14	MAX	40	43	45	47	50	50	42	50	50	35	32	38	42	48	49	55	65	65	73	75	73	57	68	73	73	41	48	62	65	45	44	53.0
	MIN	32	32	32	21	15	29	32	24	34	23	24	9	13	16	17	16	18	29	25	31	37	22	23	44	40	32	31	20	42	30	15	26.1
HINDMAN 11 NNE	MAX	45	43	42	46	45	51	44	40	50	43	32	32	38	45	48	48	57	66	62	73	77	61	57	69	72	51	43	45	63	52	48	51.2
	MIN	28	33	30	19	17	17	28	25	27	27	22	8	8	10	17	25	19	19	27	29	31	22	21	30	38	35	31	20	21	33	17	23.7
HYDEN	MAX	41	38	43	45	44	51	41	44	53	41	31	33	39	45	48	49	58	66	66	73	73	59	61	69	70	42	42	50	64	51	47	50.9
	MIN	20	32	32	21	17	17	29	23	23	26	22	11	11	14	19	17	17	19	34	32	30	23	23	26	41	34	30	21	24	32	18	23.8
JACKSON	MAX	41	46	43	47	46	52	44	43	52	41	30	34	39	45	48	49	57	67	62	75	76	59	60	69	73	43	41	50	64	50	45	51.3
	MIN	21	33	31	21	11	13	31	25	22	25	24	10	12	13	17	18	18	23	21	23	36	22	24	26	41	35	31	23	26	32	17	23.4

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	34	42	40	42	49	38	41	50	40	31	34	40	43	50	48	57	67	62	72	73	57	60	66	72	49	41	49	65	56	44	48	50.3
	MIN	29	26	23	22	15	29	28	25	29	23	22	11	17	20	20	19	20	29	27	36	29	23	24	44	35	31	27	22	33	29	18	25.3
MANCHESTER 4 SE	MAX	37	42	45	45	52	49	42	53	46	35	33	40	44	49	48	57	66	66	73	74	71	61	68	70	66	40	49	64	62	46	44	52.8
	MIN	31	30	24	18	14	28	29	28	33	23	23	11	12	17	17	15	17	33	28	29	34	20	20	42	38	31	29	20	40	31	25	25.5
MC KEE	MAX	37	34	38	44	44	50	42	40	44	38	28	31	40	43	47	46	57	67	58	74	75	57	61	67	72	39	37	48	65	47	43	48.8
	MIN	17	30	26	26	12	12	27	21	24	17	19	5	7	12	16	14	16	18	24	25	25	19	21	24	38	30	26	18	19	27	13	20.3
MIDDLESBORO	MAX	43	40	44	42	41	50	40	40	52	42	29	34	42	44	51	51	59	65	56	71	71	60	61	65	70	41	41	49	62	54	48	50.3
	MIN	26	34	30	24	17	17	32	24	25	26	22	14	14	17	20	18	19	19	38	32	33	24	23	24	41	34	30	21	21	33	22	25.0
MONTICELLO	MAX	39	45	41	45	51	45	45	50	46	30	35	38	44	51	46	58	66	60	75	77	65	62	67	70	58	40	51	66	62	44	49	52.3
	MIN	32	31	20	25	17	32	30	29	30	20	22	11	15	17	17	17	20	39	27	39	31	22	29	44	37	32	29	26	41	30	17	26.7
MOUNT VERNON	MAX	35	41	43	43	50	46	40	48	43	31	32	38	41	47	46	55	67	63	72	73	69	60	67	68	60	38	49	64	62	42	48	51.0
	MIN	29	29	22	23	14	28	26	29	28	17	18	7	13	18	15	15	18	32	27	39	37	20	28	41	34	25	25	24	28	20	14	24.0
PIKEVILLE	MAX	42	43	49	48	55	44	43	53	47	35	35	42	48	49	52	61	71	63	77	79	73	60	72	74	56	45	49	66	58	50	52	54.5
	MIN	36	36	32	23	21	31	34	29	34	28	26	13	18		23	21	23	34	36	35	43	27	26	45	40	35	32	24	42	36	21	30.1
SOMERSET 2 N	MAX	37	42	41	45	49	46	42	48	43	33	35	39	43	49	45	54	66	61	74	74	68	59	67	69	57	40	50	64	61	43	48	51.4
	MIN	33	33	25	25	14	30	29	27	30	21	25	10	14	17	14	15	18	34	25	24	34	22	26	43	37	32	25	25	23	27	17	25.0
STEARNS	MAX	38	40	43	42	39	35	39	44	50	44	33	33	37	42	48	45	58	67	57	71	71	57	65	69	69	38	42	49	67	49	47	49.3
	MIN	20	30	23	23	21	23	25	27	33	22	18	12	12	13	19		19	26	25	34	29	20	19	43	38	32	27	23	27	32	21	24.5
TOMAHAWK 1 WSW	MAX	49	42	40	49	47	51	45	40	51	41	31	35	40	45	48	50	56	66	62	74	76	59	59	69	73	46	44	50	65	50	46	51.6
	MIN	14	31	30	16	12	12	16	22	30	25	23	5	5	10	15	13	15	16	22	22	27	20	17	32	40	34	28	16	24	25	16	20.4
VANCEBURG	MAX	49	40	46	41	47	42	36	45	45	35	30	40	41	41	44	51	64	61	70	73	64	62	64			37	43	60	58	46	43	48.9
	MIN	31	34	23	20	12	26	28	25	31	22	19	5	9	19	14	10	14	20	22	30	40	28	20	43	37	35	31	17	39	30	11	24.0
WEST LIBERTY	MAX	48	38	44	48	46	54	45	40	49	39	30	34	42	45	47	50	57	69	62	75	77	58	62	69	73	40	41	50	65	50	43	51.3
	MIN	19	33	33	20	15	18	31	25	25	24	23	8	8	11	17	16	16	19	26	26	34	20	20	33	40	34	30	20	20	28	15	22.8
WILLIAMSBURG 1 E	MAX	38	44	43	48	52	50	42	51	48	35	37	46	44	49	53	58	68	65	75	75	72	66		73	70	40	51	65	65	48	49	54.0
	MIN	32	32	21	22	18	31	31	30	32	21	20	12	18	20	19	19	20	38	34	42	40	23		43	38	31	29	26	41	31	19	27.8

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	27	4.5	10.6	30++	21	20	72	78	51	51	5	5	4	1	0	0	15	–	5.9
LEXINGTON WB AIRPORT	26	4.1	9.2	27++	20	20	65	72	48	48	6	3	4	1	0	0	14	–	6.1
LOUISVILLE WB AIRPORT	28	3.9	9.5	35	SE	23	65	73	48	47	3	4	4	2	0	0	13	63	5.8

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN D1																																
FORDS FERRY DAM 50	SNOWFALL	.5						T	T	T	T	T																				
	SN ON GND									T																						
HENDERSON 7 SSW	SNOWFALL	T								.3	.4	T															.3					
	SN ON GND	T									T																					
HOPKINSVILLE	SNOWFALL									T		T																T				
	SN ON GND																															
MURRAY	SNOWFALL							T	T	T																						
	SN ON GND																															
OWENSBORO 2 W	SNOWFALL									T	T																T					
	SN ON GND									T	T																T					
PADUCAH FAA AIRPORT	SNOWFALL						T		T	T	T	T	T													T	T					
	SN ON GND									T																						
RUSSELLVILLE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * CENTRAL D2																																
BARDSTOWN NAZARETH COL	SNOWFALL	-									-	-															-					
	SN ON GND	-																														
BOWLING GREEN FAA AP	SNOWFALL						T			T	T	T														T	.1					
	SN ON GND									T	T	T														T						
CAMPBELLSVILLE 2 SSW	SNOWFALL							T			T	T															T					
	SN ON GND																															
IRVINGTON	SNOWFALL										T	T															T					
	SN ON GND																															
LOUISVILLE WB AP	SNOWFALL	T					.7			.3	.3	T														T	.9					
	SN ON GND	1										T																				
	WTR EQUIV																															
MAMMOTH CAVE PARK	SNOWFALL						.4				.2	.2															T	T				
	SN ON GND						T				T	T															T	T				
MILLERSTOWN	SNOWFALL							T																								
	SN ON GND							T																								
SUMMER SHADE	SNOWFALL						3.0	1.0		3.0	T																T					
	SN ON GND						1			1	1																					
* * * BLUE GRASS D3																																
BEREA COLLEGE	SNOWFALL	.8			.1		.4	2.0		.1	.3	.2															.8	.1				
	SN ON GND	T					T	T		T	T	T															T					
COVINGTON WB AIRPORT	SNOWFALL	T					.2	T		.2	T	1.4														T	1.0	T		T		
	SN ON GND							T			T	1	T														T	T				
	WTR EQUIV																															
CYNTHIANA	SNOWFALL	2.0						T				1.5															T	1.0				
	SN ON GND	T										1																				
DANVILLE	SNOWFALL	2.0						1.5			.2	T	.3															.5				
	SN ON GND	1	T					1			T	T																T				
FARMERS 1 WNW	SNOWFALL											1.0	T															T				
	SN ON GND											1																T				
LEXINGTON WB AIRPORT	SNOWFALL	T					.8	T		.1	.1	.2														T	.5	T				
	SN ON GND	2	1	T	T			T			T	T															T	T				
	WTR EQUIV	.3																														
MAYSVILLE SEWAGE PLANT	SNOWFALL	T	T					T			T	1.2	T														T	T				
	SN ON GND	T	T					T			T	1	T														T	T				
WILLIAMSTOWN 3 NW	SNOWFALL	.5					T	1.0		T	T	2.0														T	1.0			T		
	SN ON GND											T																				
* * * EASTERN D4																																
CUMBERLAND	SNOWFALL	T			T		.5	6.0	T	2.0	1.0	2.0										T			T	T	1.0	1.0				
	SN ON GND						1	3	T	2	2	2	1	T	T											T	1					
DEWEY DAM	SNOWFALL							-			-	1.0	T																			
	SN ON GND							T			T	1	T																			
HAZARD WATER WORKS	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND							T			T	T	T															T				
HEIDELBERG LOCK 14	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	T						T				T																				
LONDON FAA AP	SNOWFALL	T	T		T		1.8	.1		T	.4	.4														T	.3	T				
	SN ON GND	T						2			T	T																T				
MIDDLESBORO	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTICELLO	SNOWFALL	-						1.0																								
	SN ON GND	-	-					1																								
PIKEVILLE	SNOWFALL						T	T		T	T	T															.6	T				
	SN ON GND							T		T		T															T	T				
SOMERSET 2 N	SNOWFALL									T																						
	SN ON GND																															

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN NAZARETH COL																																		
	4	MAX	38	41	42	41	42	48	42	41	41	40	37	37	39	39	41	43	46	46	49	49	50	50	51	49	49	44	46	47	47	45	46	44.1
		MIN	37	37	37	37	36	40	30	39	40	36	35	35	35	36	36	36	39	42	42	46	46	43	45	47	44	41	39	41	45	39	44	39.5
	20	5PM	42	41	41	41	41	42	42	41	42	42	41	40	40	40	40	40	41	42	42	44	45	45	46	46	46	46	44	45	45	45	45	42.7
BEREA COLLEGE																																		
	4	MAX	36	36	37	38	39	38	38	38	37	38	35	35	37	38	38	41	45	45	47	48	48	47	48	48	49	44	44	46	46	45	44	41.7
		MIN	36	35	36	35	35	37	36	37	37	35	34	33	33	34	34	36	37	42	40	46	45	43	45	47	44	41	39	41	45	41	39	38.6
	20	5PM	39	39	39	39	39	39	39	39	39	39	39	38	38	38	38	38	39	40	40	41	42	43	43	44	44	44	43	43	44	44	43	40.5
CAMPBELLSVILLE 2 SSW																																		
	4	MAX	36	36	36	36	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		MIN	35	35	35	35	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20	6PM	40	40	40	40	40	40	40	40	40	40	40	39	38	39	39	39	40	40	41	42	41	41	41	44	43	44	43	43	43	44	43	40.9
CUMBERLAND GAP PARK																																		
	4	MAX	37	39	39	38	39	39	39	39	39	39	38	39	38	39	40	41	41	41	46	47	48	47	48	47	47	45	45	47	45	47	46	42.2
		MIN	37	37	38	38	36	38	38	37	39	38	37	35	36	36	36	37	38	37	39	43	45	43	43	46	45	44	42	42	44	43	42	39.6
	20	5PM	40	40	40	40	41	41	41	40	40	40	40	40	40	40	40	41	41	41	42	43	44	45	45	45	45	45	45	45	45	45	45	42.1
FLEMINGSBURG 1 SW																																		
	4	MAX	36	35	38	38	39	39	36	37	36	37	39	37	35	35	37	39	41	42	44	45	45	45	46	45	45	42	41	41	41	41	41	39.9
		MIN	35	35	34	35	34	36	34	35	36	34	37	32	32	33	32	33	34	37	37	40	42	39	40	43	41	38	36	36	41	37	35	36.2
	20	6PM	38	38	38	38	39	39	39	39	39	39	39	39	38	38	38	38	38	39	39	40	41	41	41	42	42	42	42	42	42	42	42	39.7
GLASGOW WKAY																																		
	4	MAX	41	42	42	40	42	42	41	41	40	40	39	37	38	39	39	43	45	45	48	48	48	47	48	48	47	45	42	47	47	46	46	43.3
		MIN	40	40	39	38	37	40	40	40	40	39	37	35	35	35	37	37	38	42	42	45	44	42	46	46	45	42	40	42	46	46	40	40.5
	20	6PM	42	42	42	42	42	42	42	42	42	41	40	40	40	40	40	41	41	41	42	43	44	44	44	44	44	44	44	44	44	44	44	42.3
GREENVILLE 2 W																																		
	4	MAX	42	44	43	42	44	44	44	43	42	42	39	39	40	41	43	46	49	50	52	50	53	52	52	47	47	47	47	48	48	48	50	45.7
		MIN	40	39	38	38	38	41	39	40	42	36	35	36	35	36	36	37	40	44	43	50	46	44	46	47	45	44	40	42	47	42	42	40.9
	20	6PM	43	42	43	43	42	42	43	43	40	42	41	41	41	41	41	41	42	43	43	45	46	46	46	46	46	46	45	45	45	46	45	43.4
HENDERSON 7 SSW																																		
	4	MAX	42	42	42	42	43	43	44	44	43	43	41	41	40	41	41	44	45	48	51	51	51	51	51	49	49	47	46	47	47	47	46	45.2
		MIN	40	39	40	40	41	43	42	43	43	40	39	39	38	38	39	39	41	44	46	49	48	47	49	49	47	45	42	45	47	44	43	42.9
	20	6PM	42	42	42	42	42	43	43	43	43	43	43	41	41	41	41	42	42	43	44	45	46	46	46	47	47	46	45	45	46	46	45	43.6
IRVINGTON																																		
	4	MAX	37	45	45	45	45	45	43	44	43	40	37	36	39	40	43	46	49	49	52	53	53	54	55	49	50	45	49	49	50	43	39	45.5
		MIN	37	37	37	37	37	40	38	39	40	35	32	36	35	36	35	36	37	40	41	48	46	45	45	47	45	42	38	40	36	39	38	39.2
	20	4PM	39	39	39	39	39	39	39	39	39	39	38	38	37	38	38	38	38	39	40	41	42	42	43	43	43	43	42	42	42	43	41	40.0
LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	34	34	42	49	55	41	46	46	41	34	37	44	45	45	52	60	63	54	68	66	64	71	64	56	45	42	58	56	48	49	58	50.5
		MIN	33	33	33	33	32	34	34	34	34	32	32	26	29	32	29	31	32	34	34	42	40	32	36	44	37	34	34	34	35	32	28	33.5
	2	MAX	33	34	40	46	51	40	45	45	41	34	35	37	42	43	48	54	58	50	62	60	59	64	59	55	46	41	53	58	47	47	52	47.7
		MIN	33	33	33	33	33	35	34	34	34	33	33	29	32	32	32	32	33	35	35	43	42	34	38	45	38	35	34	34	36	33	32	34.6
	4	MAX	34	34	38	42	45	39	42	42	40	36	34	35	39	40	42	47	51	46	55	54	54	56	53	52	47	40	48	48	46	44	46	44.2
		MIN	34	34	34	34	34	36	35	35	36	34	34	33	33	34	33	34	35	37	37	43	43	38	40	45	40	37	36	37	40	36	34	36.3
	8	MAX	35	35	37	39	41	39	40	40	40	38	36	35	37	38	39	42	44	44	48	49	49	49	49	49	47	43	44	45	45	43	43	42.0
		MIN	35	35	35	35	36	37	37	37	37	36	35	34	34	35	35	36	37	39	39	44	45	42	43	46	43	40	38	39	43	40	38	38.2
(500)	1	MAX	36	37	40	41	42	39	41	41	40	37	36	36	38	40	42	44	47	45	50	49	49	51	49	49	46	42	47	47	46	44	47	43.2
		MIN	36	36	35	35	35	37	37	36	37	35	34	33	33	34	34	35	35	38	38	43	43	39	41	45	42	40	39	38	41	39	36	37.4

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM (SOD)	2	MAX	37	37	39	40	42	39	40	41	40	38	36	36	38	39	41	43	46	44	49	49	49	50	48	49	47	42	47	46	45	44	46	42.8
		MIN	37	36	36	36	35	37	37	37	38	35	34	34	34	35	34	35	36	39	39	43	44	40	42	45	42	40	39	39	42	40	38	38.0
	4	MAX	37	37	39	39	40	39	40	40	40	38	36	36	37	39	40	42	44	43	47	48	48	48	47	48	47	43	45	45	45	43	45	42.1
		MIN	37	37	36	36	35	38	37	37	38	36	35	34	34	35	35	36	37	39	39	43	44	41	42	45	43	40	40	40	43	40	39	38.4
	8	MAX	38	38	38	39	39	39	39	40	40	39	38	37	37	38	38	40	41	44	44	46	46	46	46	47	46	44	43	44	45	44	43	41.5
		MIN	37	37	37	37	37	38	38	38	39	37	36	36	36	36	37	37	38	40	40	43	44	42	43	45	44	42	41	42	44	42	41	39.5
	20	7PM	40	40	40	40	40	40	40	40	40	40	40	39	39	39	39	40	40	41	41	43	43	43	44	44	44	43	43	43	44	43	43	41.2
	40	7PM	43	43	43	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	43	43	44	44	45	44	44	44	44	44	44	44	42.8
MAYFIELD RADIO WNGO	4	MAX	46	45	45	45	46	45	44	46	44	46	44	44	44	45	45	46	50	50	54	55	55	55	54	55	50	49	-	53	-	46	52	48.2
		MIN	41	40	40	41	40	40	40	41	40	39	39	39	39	39	39	40	40	46	46	52	48	49	48	47	49	46	-	41	-	40	45	42.6
	20	5PM	45	45	45	45	45	44	43	45	43	45	44	44	44	44	45	46	45	45	45	46	47	48	46	50	49	49	-	49	-	44	48	45.6
PRINCETON 1 SE	4	MAX	40	40	41	41	41	41	42	43	41	41	41	38	38	40	41	43	45	46	49	50	50	50	49	46	47	44	46	47	47	45	45	43.8
		MIN	37	36	37	36	36	40	37	40	39	36	35	34	35	35	36	36	38	43	41	47	44	43	46	46	43	40	37	41	45	39	38	39.2
	20	5PM	42	42	42	42	42	42	42	42	43	42	42	42	41	41	41	41	42	43	44	45	46	46	46	46	46	46	45	45	45	46	45	43.4
QUICKSAND	4	MAX	32	39	42	42	42	42	40	40	40	40	40	38	41	42	43	45	47	48	50	51	52	52	52	52	58	46	46	46	50	49	44	44.9
		MIN	32	32	38	36	35	40	37	39	40	36	34	34	34	34	35	35	36	40	39	42	46	41	41	46	46	42	40	42	39	43	39	38.5
	20	4PM	40	40	40	40	40	40	39	40	40	40	39	39	39	38	39	39	39	40	39	43	40	41	41	41	41	42	42	42	45	41	42	40.4
SANDY HOOK 5 NE	4	MAX	39	37	41	41	42	42	38	39	38	39	35	36	38	37	40	43	46	46	49	49	49	50	50	49	50	42	44	41	46	44	45	42.7
		MIN	37	36	36	36	35	38	36	36	38	35	35	34	34	35	35	37	37	42	41	48	46	40	41	44	43*	39	38	37	41	37	36	38.2
	20	6PM	39	39	39	39	39	40	39	39	39	39	39	38	38	39	38	38	39	40	40	42	43	43	44	44	44	43	42	43	43	43	42	40.5
SOMERSET 2 N	1	MAX	33	42	42	40	44	43	41	41	40	38	40	42	44	44	46	49	51	51	51	53	51	53	59	53	53	44	48	50	50	51	51	46.4
		MIN	32	33	34	34	32	37	36	35	38	34	36	32	33	33	33	34	34	46	39	44	44	40	42	45	44	40	39	38	45	40	37	37.5
	4	MAX	34	41	42	39	42	42	40	41	41	38	39	40	42	42	42	51	48	49	53	50	53	52	53	51	51	44	47	48	49	52	49	45.3
		MIN	33	34	36	35	34	38	37	37	38	37	35	34	34	35	35	35	37	44	38	46	43	41	43	46	44	41	41	40	45	41	39	38.6
	20	6PM	42	42	42	42	42	42	42	42	42	42	42	42	42	42	41	42	43	43	44	45	46	46	47	47	47	47	46	46	46	46	46	43.7
WILLIAMSTOWN 3 NW	4	MAX	38	38	40	41	41	40	40	40	40	41	39	39	37	37	39	40	42	43	46	47	46	46	46	46	45	45	43	43	44	44	43	41.9
		MIN	38	38	38	40	38	40	40	40	40	39	38	37	37	37	37	38	38	40	42	46	45	42	44	45	45	42	40	41	43	41	40	40.3
	20	6PM	40	40	40	40	40	40	40	40	40	41	40	40	40	40	40	40	40	40	41	42	42	43	43	43	44	43	43	43	43	43	43	41.2

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 NE	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ↕	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE 2 W	0752	04	LAWRENCE	1	38 02	82 52	720	7A	7A			RAYMOND ISON
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			JOEL W. MOUNTZ
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
#COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		7A			OTHO KELLER
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	788		7A			PARIS MULLINS
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			CLOSED 1/29/69
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			ALBERT G. SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	MUHLENBERG	3	37 05	87 21	745				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	650	6P	6P		GH	WAYDE MC CAMISH
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK O. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			PORTER WALLACE, JR.
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASD
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.+E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	625		7A		C	JOE M. SLAYDEN
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	402		7A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	WM C JARRELLS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
CLOSED STATION												
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		8A			CLOSED 1/29/69
NEW STATION												
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES

↕ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

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KENTUCKY
APRIL 1969
Volume 64 No. 4

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max.		Min.											
										90° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	70.3	47.4	58.9		83	16	35	30+	188	0	0	0	0	5.65		2.21	9	.0	0		9	4	1
BEAVER DAM	72.2	47.3	59.8		83	16	32	20	176	0	0	1	0	6.15		2.58	18	.0	0		8	4	2
FORDS FERRY DAM 50	69.0	47.6	58.3		86	16	36	1	216	0	0	0	0	4.73	.65	1.51	18+	.0	0		8	3	2
GILBERTSVILLE 1 SE	73.7	49.2	61.5		87	16	35	20	140	0	0	0	0	5.53		1.25	18	.0	0		12	4	2
GOLDEN POND 8 N	70.9	47.0M	59.0M		86	17	32	1	206	0	0	1	0					.0	0				
GREENVILLE 2 W	71.7	47.4	59.6	2.2	83	16	31	20	180	0	0	1	0	5.70	1.48	1.73	18	.0	0		10	5	2
HENDERSON 7 SSW	69.9	47.7	58.8	1.6	82	16	35	30	199	0	0	0	0	3.57	- .92	1.00	9	.0	0		7	3	1
HICKMAN 1 E	69.8	48.5M	59.2M		83	16	34	20	179	0	0	0	0	6.60		2.95	9	.0	0		10	4	1
HOPKINSVILLE	70.6	46.8	58.7	.9	83	27+	27	1	205	0	0	1	0	7.80	3.72	1.63	10	.0	0		9	6	3
LOVELACEVILLE	70.6	47.0	58.8	.3	84	16	33	30+	193	0	0	0	0	5.00	.64	1.52	9	.0	0		12	3	1
MADISONVILLE 1 SE	72.6	48.3	60.5		84	16	34	20	167	0	0	0	0	5.40		1.75	18	.0	0		8	4	2
MAYFIELD RADIO WNGO	74.9	46.8M	60.9M		88	16	33	30+	152	0	0	0	0	5.77		1.89	9	.0	0		12	3	1
MURRAY	69.7	48.3	59.0	.1	85	17	32	1	207	0	0	1	0	6.63	2.51	1.65	10	.0	0		9	6	3
OWENSBORO 2 W	70.2	47.9	59.1	2.2	82	16	36	25+	184	0	0	0	0	5.21	1.19	1.51	14	.0	0		6	5	2
PADUCAH FAA AIRPORT	68.8	47.3	58.1		84	16	35	30	214	0	0	0	0	4.96		1.61	9	.0	0		10	2	2
PADUCAH	72.7	49.0	60.9		85	16	38	30+	154	0	0	0	0	4.40	.14	1.53	9	.0	0		10	2	2
PRINCETON 1 SE	72.6	48.2	60.4	2.4	83	17+	33	20	170	0	0	0	0	4.86	.78	1.24	9	.0	0		10	3	1
ROCHESTER LOCK 3	68.9	45.7	57.3		82	17	22	1	240	0	0	1	0	5.81		1.43	10	.0	0		10	5	2
RUSSELLVILLE	69.2	47.2	58.2	.7	81	17+	25	1	221	0	0	2	0	6.89	2.85	1.78	18	.0	0		9	6	3
DIVISION			59.3	1.4										5.59	1.46			.0					
* * * CENTRAL 02																							
ANCHORAGE																							
BARDSTOWN NAZARETH COL	69.3	45.7	57.5		81	17	31	1	235	0	0	2	0	5.40		1.86	18	.0	0		7	3	3
BARREN RIVER RESERVOIR	70.4	45.3	57.9		83	18	25	1	228	0	0	2	0	6.33		1.29	18	.0	0		10	7	2
BOWLING GREEN FAA AP	70.1	46.3	58.2	.1	84	16	33	20+	204	0	0	0	0	5.69	1.63	1.30	14	.0	0		8	5	2
BRADFORDSVILLE	72.0	43.0	57.5		84	18	25	1	238	0	0	5	0	5.27		1.73	18	.0	0		8	4	1
CAMPBELLSVILLE 2 SSW	72.6	45.9	59.3		85	17	30	1	183	0	0	2	0	5.69		1.67	18	.0	0		9	4	2
CECILIA	70.8	44.8	57.8	2.2	81	17	32	20+	224	0	0	2	0	4.26	.04	1.79	14	.0	0		7	3	2
CLERMONT 1 SSE	72.4	43.8	58.1		83	17	26	1	219	0	0	3	0	3.57		1.56	14	.0	0		6	2	2
GLASGOW WKAY	71.1	46.2	58.7		83	17	32	20+	201	0	0	2	0	5.71		1.83	18	.0	0		7	5	2
GREENSBURG	71.2	44.3	57.8	1.2	85	18	23	1	231	0	0	2	0	4.75	.88	1.22	18	.0	0		7	5	1
HODGENVILLE-LINCOLN NP	74.0M	M	M		85	17	31	20		0	0	1	0	4.85				.0	0				
IRVINGTON	71.0	46.4	58.7	1.9	82	18	30	20	204	0	0	1	0	4.37	.46	1.08	14	.0	0		7	4	2
LEITCHFIELD 2 N	70.2	45.4	57.8	.7	83	27+	32	20+	220	0	0	2	0	5.32	1.14	.90	10	.0	0		10	7	0
LOUISVILLE	73.5	48.9	61.2		85	17	38	1	148	0	0	0	0	3.74		1.51	14	.0	0		7	2	2
LOUISVILLE WB AP R	69.4	46.5	58.0	3.2	81	27+	35	1	213	0	0	0	0	3.77	- .05	1.68	14	.0	0		6	2	1
MAMMOTH CAVE PARK	72.2	45.1	58.7		82	17+	29	1	205	0	0	4	0	5.93		1.67	18	.0	0		9	4	2
NOLIN RIVER RESERVOIR	70.5M	43.5M	57.0M		88	18	27	1	243	0	0	1	0	6.21		1.85	18	.0	0		8	6	1
ROUGH RIVER DAM	69.0	45.6	57.3		84	17	19	1	245	0	0	1	0	5.79		1.30	19	.0	0		9	5	2
SCOTTSVILLE 3 SSW	71.5	49.1	60.3		82	16+	34	1	162	0	0	0	0	5.40		1.78	18	.0	0		9	4	1
SUMMER SHADE	70.4	46.2	58.3		82	17	30	1	203	0	0	2	0	6.10		1.48	18	.0	0		11	4	2
WOLF CREEK DAM	71.0	42.7	56.9		82	18+	26	1	246	0	0	4	0	4.60		.77	19	.0	0		13	4	0
DIVISION			58.3	1.6										5.14	1.11			.0					
* * * BLUE GRASS 03																							
BEREA COLLEGE	71.4	46.9	59.2	2.2	85	17	29	1	197	0	0	2	0	4.33	.25	.85	28	.0	0		8	5	0
CARROLLTON LOCK 1	71.1	44.8	58.0		82	18+	30	1	224	0	0	2	0	4.29	.71	1.50	15	.0	0		9	3	1
COVINGTON WB AIRPORT R	66.5	43.9	55.2	3.0	83	17	32	20+	298	0	0	2	0	3.59	.37	.90	14	.0	0		10	2	0
CYNTHIANA 2																							
DANVILLE	68.4	43.4	55.9		84	18	18	1	279	0	0	1	0	3.48	- .50	.86	19	.0	0		10	2	0
DIX DAM	71.4	45.5	58.5		82	17	28	1	209	0	0	2	0	4.04		1.13	19	.0	0		8	4	1
FALMOUTH 5 WNW	69.5	40.8	55.2		83	17	22	1	293	0	0	8	0	3.31	- .63	1.06	15	.0	0		8	2	1
FARMERS 1 WNW	71.5	42.7	57.1	1.7	84	27+	24	1	240	0	0	5	0	3.13	- .74	1.05	15	.0	0		8	2	1
FLEMINGSBURG 1 SW	68.7	43.8	56.3		82	17	25	1	263	0	0	3	0	2.46		.75	14	.0	0		6	2	0
FRANKFORT LOCK 4	68.6	39.8	54.2	- .6	83	18	16	1	317	0	0	5	0	3.91	- .11	1.43	19	.0	0		6	2	2
LEXINGTON WB AIRPORT R	67.8	44.8	56.3	1.9	82	17	32	20+	261	0	0	2	0	3.83	- .21	1.48	18	.0	0		6	3	1
MAYSVILLE SEWAGE PLANT	67.4	40.0	53.7	- .3	83	17	32	1	335	0	0	1	0	3.26	- .52	1.18	18	.0	0		6	2	1
MOUNT STERLING	71.9	44.8	58.4		84	17	28	1	214	0	0	2	0	3.48	- .66	1.09	15	.0	0		7	3	1
OWENTON 2 S	71.3	41.4	56.4		84	18+	22	1	265	0	0	6	0	4.45		1.80	14	.0	0		8	2	2
RICHMOND	68.5	45.2	56.9		83	18	21	1	261	0	0	2	0	4.49		1.30	19	.0	0		10	2	1
SHELBYVILLE	66.8	42.0	54.4	- .6	80	18	20	1	316	0	0	1	0	4.15	- .04	1.35	15	.0	0		8	3	2
WARSAW MARKLAND DAM	67.8	40.4	54.1	.1	83	18	14	1	321	0	0	1	0	4.40	.52	1.17	15	.0	0		8	3	2
WAYNESBURG 7 NE	69.7	45.8	57.8		83	17	29	1	226	0	0	2	0	5.03		1.06	15	.0	0		9	3	3
WILLIAMSTOWN 3 NW	68.0	45.0	56.5	1.7	81	17	29	1	253	0	0	2	0	3.67	- .33	1.21	14	.0	0		8	2	2
DIVISION			56.3	.8										3.85	- .05			.0					
* * * EASTERN 04																							
ASHLAND	69.0	39.9	54.5	- 1.8	86	28+	23	1	312	0	0	5	0	2.70	- .69	.64	29	.0	0		8	2	0
BARBOURVILLE	71.6	40.7	56.2		84	28	18	1	266	0	0	5	0	2.28		.40	29	.0	0		10	0	0
BAXTER	70.2	40.3	55.3		85	18	19	1	291	0	0	7	0	2.35		.55	6	.0	0		6	1	0
BLAINE 2 W	70.8M	37.4M	54.1M		88	18			321	0	0		0	2.96		1.00	19	.0	0		5	3	1
CUMBERLAND	72.9	41.5	57.2		85	27+	19	1	237	0	0	5	0	3.08		.59	19	T	0		9	1	0

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 38

CLIMATOLOGICAL DATA

Continued

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
DEWEY DAM	71.3	40.1	55.7		89	18	17	1	277	0	0	4	0	3.13		1.05	19	.0	0		7	2	1
GRAYSON 5 SE	69.2	38.0	53.6		87	28	15	1	337	0	0	7	0	3.04		.73	15	.0	0		6	3	0
HEIDELBERG LOCK 14 R	73.8	41.9	57.9		86	18	22	1	224	0	0	6	0	4.97	1.30	1.36	19	.0	0		8	4	2
HINDMAN 11 NNE	71.0	40.3	55.7		88	18	22	1	279	0	0	7	0	3.58		.95	19	.0	0		8	2	0
HYDEN	72.8M	39.8M	56.3M		86	18	16	1	261	0	0	6	0	3.15		1.16	19	.0	0			1	1
JACKSON	70.6	40.8	55.7		86	28+	23	1	275	0	0	4	0	4.04		1.11	19	.0	0		8	3	1
LONDON FAA AP	70.5	43.0	56.8		85	17	24	1	244	0	0	3	0	2.87		.70	28	.0	0		8	2	0
MANCHESTER 4 SE	74.2	41.9	58.1		85	17	23	1	217	0	0	4	0	3.51		1.00	19	.0	0		9	3	1
MC KEE	69.0	38.1	53.6		86	18	15	1	345	0	0	9	0	5.34		1.24	19	.0	0		10	4	2
MIDDLESBORO	69.6	42.1	55.9		84	18	22	1	275	0	0	7	0	2.94		.84	6	.0	0		10	2	0
MONTICELLO	72.9	45.6	59.3		85	28+	26	1	193	0	0	3	0	6.02		1.31	19	.0	0		13	5	2
MOUNT VERNON	71.7	44.6M	58.2M		82	27+	25	1	216	0	0	2	0	5.11		1.10	28	.0	0		9	5	1
PIKEVILLE	75.9M	45.3	60.6M		91	17	25	1	159	2	0	1	0	2.05	- 1.60	.47	18	.0	0		6	0	0
SOMERSET 2 N	72.2M	43.9M	58.1M		84	17	25	1	212	0	0		0	5.53		1.45	15	.0	0		10	5	2
STEARNS	68.6	42.7	55.7		83	27	19	2	281	0	0	4	0	5.13		1.60	19	.0	0		11	4	1
TOMAHAWK 1 WSW	69.7	37.5	53.6		87	18	20	1	338	0	0	9	0	3.62		1.29	19	.0	0		9	2	1
VANCEBURG	72.8	40.2	56.5		84	17+	26	7+	256	0	0	5	0	2.81	- .88	.98	18	.0	0		7	1	0
WEST LIBERTY	70.1	39.2	54.7		88	18	18	1	309	0	0	5	0	3.73		.95	15	.0	0		6	4	0
WILLIAMSBURG 1 E	74.6M	45.2M	59.9M	2.4	84	27+	26	30	178	0	0	2	0	3.24	- .70	.75	19	.0	0		9	1	0
DIVISION			56.4	- .3										3.63	- .12			T					

SPECIAL WEATHER SUMMARY

April as a whole was relatively mild, and precipitation over the greater part of the State ranged from near to above average. There were relatively few days with damaging storms, and no reported injuries. Days with reported thunderstorms varied from none to about 6 depending on location. However, April 18 will be remembered for storms at scattered locations statewide, and particularly for the heavy hail in the vicinity of Bowling Green in south-central Kentucky.

The warmest temperatures in about 3 months were recorded early in the month and almost two-thirds of the days had readings warmer than average. There were a number of cool days toward the end of the month, however. Light frost was reported at numerous locations statewide on the 20th, and the mercury fell into the thirties on more than half of the last 10 days of the month in one or more sections.

On the 18th there were numerous thunderstorms over the State. Wind and hail damage was reported from widely scattered locations. Some of the counties having hail damage were Henderson, Daviess, Oldham, Grayson, Warren, Barren, McCreary, Floyd, and Martin. Some of the counties having wind damage were Oldham, McCreary, Floyd, Martin, and Pike.

Heaviest hail damage was reported at Bowling Green, where hailstones ranging in size up to 3 inches or more in diameter damaged houses, other buildings, cars, trucks, and other property. The American Insurance Association was reported to have made a preliminary estimate of damage of $2.1 million, and indications were that damage might total as much as $5 million. Some persons in the area characterized the storm as the most damaging hailstorm in living memory. Heaviest wind damage on the 18th was reported in eastern Kentucky, in the vicinity of Prestonsburg, in Floyd County. High winds unroofed a school building, and caused other damage.

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Note: These notes highlight several noteworthy weather events and were compiled before weather data processing for this publication was completed. For further details see the accompanying tables. Also see this month's issue of STORM DATA for more details of the storms noted above and additional storms.

DAILY PRECIPITATION

KENTUCKY
APRIL 1969

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	5.65	.12		.92	.25	.31				2.21				.09	.54			.03	.77	.11								.05	.25			•
BEAVER DAM	6.15	.07	.28			.67				1.17				.24	.81			.05	2.58	.16									.12			•
CALHOUN LOCK 2	4.90	.18	T	.23	T	.56	T			T	1.20	T			.86	.22			1.00	.20	.04		T						.41			•
COBB	6.65	.20		.57	.23	1.20					1.53				.95	.10			1.42	.23									.22			•
DAWSON SPRINGS	7.45	.20		.25	T	.75					1.40				1.80				2.70	.10									.25			•
DUNDEE 4 ESE	7.58	.20		.41		.56					1.04				1.23	.15			1.58	2.25									.16			•
DUNMOR	6.91	.15	T	.31		.82					1.65			.45	1.04	.15			1.65	.40	.04		T						.25			•
ELKTON 2 S	6.66	.26		.42	.34	.96	.03				.85				.88	.10			2.15	.58	.02								.07			•
FORDS FERRY DAM 50	4.73	.12		.16		.18	T			.03	1.51				.78	T			1.51	.23	.07		.02						.12			•
FRANKLIN 1 E	5.43	.12		.23	.24	.73	.03				.77	.03			.76	.83			1.18	.47	.04		T						T			•
GILBERTSVILLE 1 SE	5.53	.14	.38	.34	.12	.92				1.11		T		.14	.52		T	.31	1.25	.15		T	T						.15			•
GOLDEN POND 8 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T			.90	.39	.05								.20			•
GREENVILLE 2 W	5.70	.18	.51	.04	T	.65				1.30				.31	.54	.11			1.73	.15									.18			•
HARTFORD 6 NW	6.23	.29	T	.28	T	.61					1.17				1.48	.09			1.48	.48			.04						.31			•
HENDERSON 7 SSW	3.57	.23	.04		T	.05				1.00				.30	.49			.50	.64	.09		T							.23			•
HICKMAN 1 E	6.60		.63	.72	.22	.30				2.95	.06			.11	.30			.20	.81	.07								T	.23			•
HOPKINSVILLE	7.80	.24		.64	.47	.82	.01				1.63				.72	.04			1.55	1.54	.01								.13			•
LOVELACEVILLE	5.00	.17	.30	.41	.27	.41				1.52				.16	.50			.16	.71	.17									.22			•
MADISONVILLE 1 SE	5.40	.15	T	.09		.68				T	1.26				.80	.16			1.75	.19	.05								.27			•
MAYFIELD RADIO WNGO	5.77	.10	.35	.48	.20	.79				1.89				.25	.45	T		.12	.63	.31									.20			•
MURRAY	6.63	.02	T	.23	.53	1.03				.81	1.65				.59	T			1.35	.27									.15			•
OWENSBORO 2 W	5.21	.17	.07			.60					.97				1.51	.08			1.03	.08									.70			•
OWENSBORO DAM 46	4.89	.15	.03	.13		.62	T				.99				1.20	.03			.97	.14	T		T						.63			•
PADUCAH FAA AIRPORT	4.96	.17	.15	.35	.16	.07				1.61				.42	.27			1.28	.15	.07								.26				•
PADUCAH	4.40		.18	.22		.33				1.53				.18	.34			.29	1.03	.20									.10			•
PARADISE STEAM PLANT R	6.22	.12	.03	.49		.42	.16				1.25				.80	.04	.02		1.61	.90									.38			•
PRINCETON 1 SE	4.86	.06	.39	.10	.02	.64				1.24				.38	.46			.38	.73	.18		T							.28			•
ROCHESTER LOCK 3	5.81	.12		.49		.58	.20				1.43				.88	.10			1.06	.56	.05								.34			•
RUSSELLVILLE	6.89	.25		.53	.26	.91	.02				1.12	T			1.02	.54			1.78	.36	.05								.05			•
SEBREE	4.81	.28	T	T		.71				T	1.42				.88	.06			.12	.88									.46			•
UNIONTOWN DAM 49 //	2.98	.18	.02	.01		T				T	.92				.66	.02			.83	.25	T								.09			•
• • • CENTRAL 02																																
ADDISON DAM 45 //	4.40	.10	.08	.14		.15	.03				.57				.82	.28			1.09	.74			.03						.37			•
ALBANY 4 N	4.99		.10	.23	.10	.19	.39				.56				.25	.86	.05		.06	1.30	.05								.25	.60		•
ANCHORAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
BARDSTOWN NAZARETH COL	5.40	.10	.23			.28				.30	.05				1.39	.02			1.86	1.03		.02	.04						.08			•
BARREN RIVER RESERVOIR	6.33	.15	.10	.55	.14	.77	.06				.64	.02			.67	.79			1.29	1.01	.05		T						.09	T		•
BOWLING GREEN	6.38	.10	.20	.57		.57	.12				.85				.75	.93			1.10	1.05	.05		.05						.04			•
BOWLING GREEN FAA AP	5.69	.33	.52	.08	.09	.57	T			.70	.03			.34	1.30			.40	1.19	.08		.04						T	.02			•
BRADFORDSVILLE	5.27	.07		.98		.46				.20	.56				.78	.30			1.73	.19												•
BROWNSVILLE	6.19	.12	.08	.57	T	.73	.08				.99				.72	.75			1.45	.54	.02		.05						.09			•
BURKESVILLE 2 W	3.67		.06	.21	.19	.37					.57				.26	.43	.64		.35		T								.48	.11		•
CAMPBELLSVILLE 2 SSW	5.69	.03	.47	.02		.70	.01			.78	.04				1.22	.12		.28	1.62	.28	T	T							.12			•
CANEYVILLE	5.53	.22		.41		.87					.91				.93	.45			.86	.64	.08								.16			•
CECILIA	4.26	.15	.30			.19				.50					1.79	T			1.20	.01		T							.12			•
CLERMONT 1 SSE	3.57	.15	.06			.22				.33	T				1.56	T			1.06	.05		.01	T						.13			•
EDMONTON	5.29	.05	.20	.40	.10	.58					.64				.40	.55	.25		.55	1.32									.15	.10		•
GAMALIEL 1 S	4.70	.14	.03	.20	.10	.46	.08				1.12				.39	.61	.21		.60	.45	T		T						.25	.06		•
GLASGOW	-	.35	.02	.70	.08	.55					-	-			-	-			.88	1.32									.11			•
GLASGOW WKAY	5.71	.25	.61	.05	T	.74				.52	.02			T	1.37				1.83	.26		.03							.03			•
GLENDALE 1 E	5.09		.25	.37		.30	.10				.40				.48	1.08			1.75	.27									.09			•
GREENSBURG	4.75	.04	.01	.50		.41	.08				.41				.50	.60	T		1.22	.85	.05								.08			•
GREENSBURG HIWAY 61	4.99	.05	.01	.45		.43	.02				.54				.47	.55			1.01	1.32	.06								.08			•
HODGENVILLE-LINCOLN NP	4.85	*	.50	.05		.43				.23	.28				*	1.43			1.40	.48									.05			•
IRVINGTON	4.37	.10	.06			.31				.56				.05	1.08	.02			1.07	.79			.02						.31			•
LEITCHFIELD 2 N	5.32	.15	.16	.52		.65	.08			T	.90			T	.63	.82			.75	.51	.01								.14			•
LIBERTY	5.55		.06	.81		.35	.11				.70				.35	.78	.12		.13	1.28	.04		.04						.55	.23		•
LOUISVILLE	3.74	.06	.02			.12	T			.26	.02				1.51	.13			1.00	.38									.24			•
LOUISVILLE WB AP R	3.77	.08	.02		T	.24	T			.27	T			T	1.68	.05		.34	.83	.01		.01	T	T					.24			•
LOUISVILLE UPPER GAGE	4.25	T	.04	.05		.15	.04				.38				.35	1.24	T		.98	.78				T					.24	T		•
MAMMOTH CAVE PARK	5.93	.10	.28	.37	T	.80				.08	.57			.08	1.37	.39			1.67	.20								T	.02			•
MILLERSTOWN	5.77	.17	T	.48		.56	.08				.70				.90	.63			1.98	.15			.05						.07			•
MUNFORDVILLE	4.99	.07	T	.63	T	.63	T				.56	T			1.07	.46	T		1.20	.34	T								.03			•
NOLIN RIVER RESERVOIR	6.21	.07		.52	.72	.12					.96				.78	.79			1.85	.32	.03		.05									•
ROUGH RIVER DAM	5.79	.20	T	.35		.50					.83				1.15	.25			.75	1.30	.02		T						.44			•
SCOTTSVILLE 3 SSW	5.40	.18	.25	.07	.22	.78				.60	.09			.15	.95			.02	1.78	.28		.03										•
SCOTTSVILLE 2 SW	4.87	.16		.22	.18	.74					.55	T			.75	.45			.80	1.00	T								.02			•
SHEPHERDSVILLE	3.97	.05				.30					.33				.57	.92			.80	.80									.20			•
SUMMER SHADE	6.10	.20	.43	.10	.05	.74				.70	.02			.04	1.02	.42		.26	1.48	.26		.04							.34			•
WOLF CREEK DAM	4.60	.07	.12	.42	.10	.25	.14				.67				.27	.54	.20		.23	.77									.62	.20		•
WOODBURY LOCK 4	7.62	.08	.04	.52	.01	.80	.24				1.30				1.41	.56			2.08	.26	.20		.02						.10			•
• • • BLUE GRASS 03																																
BEREA COLLEGE	4.33	.02	.71			.21				.02	.29				.76	.53	.01	.02	.58	.33		T							.85			•
BEREA	4.35		.01	.73		.07	.15				.29	T			.15	1.02	.15		.13	.77	.01		.05						.17	.65		•
CARROLLTON LOCK 1	4.29	T	.22	.18		.36	.06				.12				.60	1.50	.04		.55	.42			.02	T					.22			•
COVINGTON WB AIRPORT R	3.59	.03	.18		.45	.30	T			.06	.01			.14	.90	.05		.17	.82	.17		.10	.01	T					.20			•
CYNTHIANA	4.21		T	.08		.06	.05				.54	T			.22	.72			.39	1.91	T		.05	T	T				.13	.06		•
CYNTHIANA 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
DANVILLE	3.48		.02	.30		.18	.13				.40				.37	.62	.07		.28	.86	T		.02						.13	.10		•
DIX DAM	4.04	T	.03	.39		.18					.69				.53	.63	.03		.24	1.13	T		.09						.10			•
FALMOUTH 5 WNW	3.31		.02	.26		.12	.24				.13	T			.07	1.06			.41	.78			.02	T	T				.09	.11		•
FARMERS 1 WNW	3.13			.20		T	.04				.12	T			.13	1.05	.03		.11	.82			.05	T					.10	.48		•
FLEMINGSBURG	2.51		T	.13		.05	.03				.24	.07			.13	.93	.01		.22	.47			.05	.03	T				T	.15		•
FLEMINGSBURG 1 SW	2.46	T	.16			.05				.07	.25				.75	.25			.62	.04			.05	.02					.20			•
FORD LOCK 10	3.44		.17	.30		.03	.11				.24				.11	.99	.06		.12	.78			.06	T	T				.20	.27		•
FRANKFORT LOCK 4	3.91		.03	.05	.01	.07	.09				.32				.13	1.18	.05		.39	1.43	T		.03						.13	T		•
GEORGETOWN WATER WORKS	4.13	.02	T			.10					.74	.03			.50	.84			.70	1.15			.05									•
GEST LOCK 3	2.63			.06			.03				.23	T			.23	.61			.39	.90			T						.18	T		•
HIGH BRIDGE LOCK 7	4.19			.35	T	.07	.04				.77				.28	.89			.30	1.32			.05						.07	.05		•
KEENE 1 SSW	4.78			.36							.88				*	1.12			.21	1.98									.23			•
LA GRANGE 1 ESE	3.41	.06	.15			.24	.03			.16	.04				1.72	.09			.44	.18		T	.02	T					.28	T		•
LANCASTER	4.46			.53			.20				.36				.43	.63	.22		.19	1.20									.41	.29		•
LEXINGTON WB AIRPORT R	3.83	.04	.10		T	.12	T			.85	T			.03	.91	.03		.06	1.48	T		.03	.04	T					.14	T		•
LITTLE HICKMAN LOCK 8	3.55			.25		.06	.11				.46				.20	.83	.05		.22	.97			.07						.22	.11		•
LOCKPORT LOCK 2	3.96			.04		.06	.05				.16		T		.34	1.70			.39	.92			T						.30			•
MAYSVILLE SEWAGE PLANT	3.26		.03	.18		.05	.22				.45	T			.66	T		.35	1.18	T		.02	.04	T					.08			•
MIDWAY	4.23			.05		.05	.05				.58				.14	1.11			.42	1.70			.03						.10			•
MOUNT STERLING	3.48	T	.22			.09				.28	T				.20	1.09			.26	.65			.09	T					.60			•
OWENTON 2 S	4.45	.06	.17		.03	.18	.08			.20	.08				1.80	.17	T		1.00	.38		T	.04	T					.26			•
RICHMOND	4.49			.45		.08	.05				.32	T			.43	.74	.18		.13	1.30			.11						.30	.40		•
SALVISA LOCK 6	4.86		.12	.14		.11	.06				.79	.03			.42	1.06			.58	1.35			.08						.12			•
SHELBYVILLE	4.15		T	.03	T	.11	.10				.24				.35	1.35			.55	1.28									.14			•
SPRINGFIELD	4.60			.50			.20				.83	T			.31	.91			.55	1.15									.15			•
TAYLORSVILLE	5.05	T	.08	.03		.08	.20				.34	T			.45	1.20			.60	1.90			.06						.11			•
TYRONE LOCK 5	4.99		.01	.05		.07	.06				.46				.16	1.45	T		.29	2.25			.06						.13			•
VALLEY VIEW LOCK 9	3.59		T	.43		.05	.13				.31				.16	.96	.03		.20	.93	.02		.09		T				.16	.12		•
WARSAW MARKLAND DAM	4.40		.03	.36		.32	.10				.09				.46	1.17	T		.56	1.06	.01								.21	.03		•

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	5.03			1.05		.15	.06				.37				T	1.06	.32		.22	1.05									.34	.41		
WILLIAMSTOWN 3 NW	3.67	.07	.26		.02	.18	.08			.14	.06				1.21	.10			1.17	.13		T	.04	.02					.19			
* * *																																
EASTERN 04																																
ASHLAND	2.70			.12		.03	.26				.02					.62	.04		.16	.47	.02		.08	.10	.14					.64		
BARBOURVILLE	2.28		.01	.15	.09		.24				.25	.04			.29	.21	.12		.21	.12	.15									.40		
BAXTER	2.35		T	.15	.09	T	.55				.08	.45			.05	.08	.03		T	.30	.25		T	T						.32		
BLAINE 2 W	2.96			.27											.11	.89				1.00			.05		.07					.57		
BUCKHORN	3.56		T	.43		T	.25				.10	.10			.17	.48	.39		.05	1.20	.05		T		T					.34		
BURDINE 2 NE	2.95			.35			.60					.30			.35	.25	.20		.40				.20							.30		
CLAY CITY 1 WNW	3.93			.55		.04	.04				.15	.05			.10	1.22	.05		.08	.80			.05						.20	.60		
COLLEGE HILL LOCK 11	4.27		T	.42		.03	.05				.21	T			.11	1.38	.15		.05	1.05			.07	T	T				.23	.52		
CUMBERLAND	3.08		.05	.15	.10	.34	.32				.40	.09			.15	.07			.46	.59			.06	T	T	.06			.24		T	
CUMBERLAND FALLS ST PK	4.64	.30		.11		.30					.33	.22	.50		.35	.10	.10		1.33			.37							.63			
DEWEY DAM	3.13			.40		.10				.02					.10	.55	.27		T	1.05	.08		.07	.06	.03					.40		
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FREEBURN 2 SW	2.82			.28			.22					.08			.10	.31	.29		.09	.60	.10		.30	.07	.12					.26		
FRENCHBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GRAYSON 5 SE	3.04			.24		T	.29				.04				T	.73	.05		.18	.69	T		.02	.09	.09					.62		
HAZARD WATER WORKS	2.26			.36			.26				.03				.14	.20	.37			.69	.05		.07							.09		
HEIDELBERG LOCK 14 R	4.97			.76	T	T	T				.08				.15	1.01	.33		.09	1.36	.14		.13	T					.06	.86		
HINDMAN 11 NNE	3.58			.32		T	.46					.07			.15	.30	.57			.95	.08		.35							.33		
HYDEN	3.15			.35	.11		.24				.08	.04			.15	*	.45		.05	1.16	.04		.05							.43		
JACKSON	4.04			.68		.07	.16				.03	.02			.19	.95	.17		.03	1.11	.03		.12	T						.48		
JEREMIAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
LLOYD GREENUP DAM	2.32			.15		T	.20				.03					.55	.03		.15	.69	T		.05	.05	.05				T	.37		
LONDON FAA AP	2.87	.03	.12	.01		.23	.02			.21	.04			T	.47	.23		.03	.52	.26			T						.70			
LOUISA 2	3.45		T	.36		T	.15				T	.08			.03	.63	.20	.03	.05	1.24			.02	.08	.10					.48		
MANCHESTER 4 SE	3.51			.30		T	.22				.25					.55	.25		.15	1.00	.10									.69		
MARTIN	2.95			.30			.27					.20			.10	.45	.40			.71	.10		.16							.26		
MC KEE	5.34		T	.86			.22				.17	.03			.22	1.01	.38		.12	1.24	T		.07						.12	.90		
MIDDLESBORO	2.94		.05	.16	.13	T	.84				.21	.52			.05	.08	.12		.16	.11	.23									.28		
MONTICELLO	6.02		.10	.26	.16	.14	.37				.62				.29	1.17	.50		.12	1.31	.06								.26	.66		
MOUNT VERNON	5.11	.04	.63			.28					.37				.79	.80	.20		.40	.50		T	T						1.10			
ONEIDA	3.96			.42		.05	.20				.17				.20	.80	.20		.10	1.20			.15							.47		
PAINTSVILLE 1 S	3.60				.40		.28								.14	.76	.16			1.20	.05		.16	.05						.40		
PIKEVILLE	2.05	T	.23	.05	.01	.20	.09				.08				.37	.23			.47	T				T					.32			
PINEVILLE 4 NW	2.70		.08	.21	.07		.09				.13	.22			.25	.08	.08		.05	.84	.31									.29		
RAVENNA LOCK 12	3.51			.48	T		T				.16				.10	.97	.20		.04	.75			.06	T					.10	.65		
SALYERSVILLE 2 SE	3.47			.43			.25				.04					.97	.03			1.20	.06									.49		
SOMERSET 2 N	5.53	.10	.13	.04	.03	.20				.20	.26				.56	1.45			.70	.68									1.18			
STEARNS	5.13			.37	.08	.22	.26				.55	.10			.32	.60	.18		.25	1.60										.60		
TILFORD	2.57			*	.41		*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.76		*	*	*	*	*	*	.40			
TOMAHAWK 1 WSW	3.62		.02	.44	.03	T	.13				T				.10	.67	.24		.02	1.29	.03			.13	.10					.42		
VANCEBURG	2.81	.20	.20			.08									.37	.35			.98			.02	.01	.13					.47			
WEST LIBERTY	3.73			.60		T	.06				.08	T			.14	.95	.15		.04	.83			.05	.05	T					.78		
WILLIAMSBURG 1 E	3.24			.23	.34	T	.49				.19	.22				T			.24	.75	.32									.46		
WILLOW LOCK 13	4.43			.65		T					.14	T			.12	1.00	.45		.05	1.04	T		.06						.07	.85		

EXTREMES

HIGHEST TEMPERATURE PIKEVILLE	91	DATE	17
LOWEST TEMPERATURE WARSAW MARKLAND DAM	14	DATE	01
GREATEST TOTAL PRECIPITATION HOPKINSVILLE	7.80		
LEAST TOTAL PRECIPITATION PIKEVILLE	2.05		
GREATEST 1 DAY PRECIPITATION HICKMAN 1 E	2.95	DATE	09
GREATEST TOTAL SNOWFALL CUMBERLAND	T		

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	76	69	59	78	69	67	76	78	70	67	69	72	64	72	76	83	81	69	55	66	72	69	67	65	73	79	76	65	59	67		70.3
	MIN	41	57	50	48	59	43	37	54	59	56	40	48	54	54	54	47	62	55	40	35	41	40	43	38	36	44	61	54	38	35		47.4
BEAVER DAM	MAX	75	75	71	81	79	66	78	80	77	69	68	71	64	61	78	83	82	73	60	67	71	70	64	63	74	80	80	78	64	65		72.2
	MIN	35	57	50	52	60	49	37	51	57	58	40	41	49	51	57	46	57	55	42	32	39	43	46	41	35	41	60	58	43	36		47.3
FORDS FERRY DAM 50	MAX	75	69	65	79	65	63	78	82	67	64	64	68	62	67	73	86	79	72	54	66	71	66	55	61	74	81	81	64	53	65		69.0
	MIN	36	51	48	58	47	42	40	58	59	46	42	45	51	53	54	50	60	52	43	39	46	49	49	44	39	48	61	44	37	38		47.6
GILBERTSVILLE 1 SE	MAX	76	74	61	81	76	69	79	83	77	72	70	73	69	69	78	87	83	75	64	68	74	70	66	67	77	83	82	77	62	69		73.7
	MIN	39	57	50	51	60	44	42	58	58	58	42	48	54	54	58	54	62	58	44	35	44	42	46	39	38	47	62	56	37	39		49.2
GOLDEN POND 8 N	MAX	47	77	66	62	81	70	68	79	82	68	73	70	79	65	69	77	86	78	76	58	68	74	69	55	65	75	81	81	69	58		70.9
	MIN	32	45	50	51	56	45	43	51	56	54	42	46	50	48				60	45	39	43	46	47	42	42	47	55	57	39	39		47.0
GREENVILLE 2 W	MAX	75	73	68	80	77	67	78	79	74	69	66	70	69	64	76	83	79	74	58	66	71	69	64	61	72	79	80	78	66	65		71.7
	MIN	36	56	49	52	58	46	36	58	57	55	40	40	49	51	58	48	59	56	42	31	40	42	45	43	35	45	57	61	42	36		47.4
HENDERSON 7 SSW	MAX	74	69	67	78	70	65	77	80	72	64	66	69	66	63	75	82	80	74	55	65	72	69	61	63	72	79	80	74	52	63		69.9
	MIN	36	55	47	54	55	40	42	56	59	54	39	41	47	52	59	52	62	55	42	37	47	47	46	38	39	48	59	48	40	35		47.7
HICKMAN 1 E	MAX	75	73	59	77	65	72	76	76	70	66	67	70	70	71	74	83	75	67	57	63	72	72	69	62	71	76	74	65	60	66		69.8
	MIN	42	57	50	55	54	50	46		57	57	43	47	55	53	53	51	60	56	40	34	40	45	44	43	37	47	60	53	40	37		48.5
HOPKINSVILLE	MAX	46	77	65	66	80	71	70	81	80	65	73	70	74	62	66	78	83	76	75	49	68	75	69	56	68	76	83	82	72	62		70.6
	MIN	27	40	51	55	56	47	43	46	58	57	42	44	47	52	52	55	58	59	45	36	39	44	46	43	38	42	49	59	38	37		46.8
LOVELACEVILLE	MAX	75	68	58	78	72	67	77	79	74	68	69	71	65	71	76	84	78	69	57	68	72	69	64	67	73	79	78	65	60	67		70.6
	MIN	40	57	51	50	57	43	36	53	58	58	39	44	55	50	53	50	61	57	43	33	40	39	43	36	36	43	62	54	35	33		47.0
MADISONVILLE 1 SE	MAX	75	74	69	80	77	66	81	80	78	68	61	71	69	66	77	84	82	76	63	66	71	70	64	64	74	80	82	81	62	66		72.6
	MIN	35	57	49	53	58	44	36	55	59	58	39	40	49	52	59	49	60	60	47	34	43	49	47	44	37	43	61	57	41	35		48.3
MAYFIELD RADIO WNGO	MAX	78	74	62	82	75	70	80	83	81	73	71	75	70	71	81	88	86	72	60	69	75	74	70	68	76	83	80	81	68	70		74.9
	MIN	42	57	51	51	53	39	47	54	60	58	40	41		53	53	48	61	59	39	33	40	40	44	35	36	41	59	55	36	33		46.8
MURRAY	MAX	51	76	62	60	82	69	68	80	81	63	72	69	73	65	70	76	85	77	74	54	66	72	69	56	59	74	81	80	67	59		69.7
	MIN	32	49	51	53	59	45	38	52	59	58	43	45	55	52	54	52	61	60	44	36	44	47	45	39	39	45	60	57	38	37		48.3
OWENSBORO 2 W	MAX	73	67	69	78	70	70	77	80	72	65	70	73	62	62	75	82	79	69	58	65	71	65	60	65	73	80	80	72	58	67		70.2
	MIN	36	59	48	54	55	42	39	54	59	56	42	43	49	51	57	48	60	58	42	36	44	45	45	39	36	42	58	55	43	42		47.9
PADUCAH FAA AIRPORT	MAX	75	67	58	76	67	67	77	79	65	66	68	70	64	70	76	84	73	68	55	68	72	69	55	64	71	78	76	63	58	66		68.8
	MIN	40	51	49	52	49	43	40	58	59	47	42	47	53	54	57	51	60	48	40	37	47	45	44	40	38	53	59	43	38	35		47.3
PADUCAH	MAX	75	75	59	79	78	68	77	80	79	67	68	70	69	69	76	85	84	73	61	66	72	72	68	65	73	80	80	79	68	65		72.7
	MIN	39	58	49	51	57	43	40	57	58	56	42	46	51	52	56	51	63	59	43	38	44	44	49	42	39	48	64	55	39	38		49.0
PRINCETON 1 SE	MAX	74	74	64	79	77	66	78	81	78	70	67	71	70	67	77	83	83	74	65	68	70	70	66	63	74	80	81	79	64	66		72.6
	MIN	38	56	49	56	58	44	36	58	58	55	41	43	51	51	60	53	61	58	42	33	42	45	47	41	35	48	62	56	34	34		48.2
ROCHESTER LOCK 3	MAX	48	76	66	68	80	69	66	78	78	66	70	67	71	63	63	77	82	79	72	50	67	70	66	55	65	72	79	80	69	55		68.9
	MIN	22	39	51	51	53	48	37	39	59	59	43	40	44	52	53	49	51	61	49	36	37	46	47	41	37	40	47	59	44	36		45.7
RUSSELLVILLE	MAX	48	76	66	65	81	74	68	78	77	65	73	69	70	57	63	76	81	77	73	49	66	72	68	57	65	72	79	79	72	59		69.2
	MIN	25	40	51	51	60	49	42	49	59	58	46	40	48	51	51	52	55	58	47	32	40	45	46	40	35	51	60	59	42	35		47.2
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX																																
	MIN																																
BARDSTOWN NAZARETH COL	MAX	66	68	64	78	76	63	76	75	75	69	64	66	71	67	70	76	81	77	62	58	66	64	58	61	70	77	79	77	65	59		69.3
	MIN	31	54	41	49	58	39	32	51	56	57	35	36	41	50	56	47	56	60	41	33	41	45	41	36	36	46	60	56	43	43		45.7
BARREN RIVER RESERVOIR	MAX	50	75	68	70	82	74	65	80	80	71	73	66	71	66	63	75	82	83	74	50	64	73	68	57	63	75	81	82	73	59		70.4
	MIN	25	38	53	53	55	49	38	43	51	58	37	39	46	52	52	53	54	61	49	32	36	40	46	37	35	39	51	61	44	33		45.3
BOWLING GREEN FAA AP	MAX	74	64	68	80	74	66	77	77	68	72	66	72	64	62	76	84	80	71	59	66	71	65	58	64	73	78	79	73	59	64		70.1
	MIN	33	56	53	52	55	47	39	48	56	49	45	41	50	51	53	50	57	57	41	33	38	44	43	39	37	39	57	46	45	36		46.3
BRADFORDSVILLE	MAX	53	70	70	78	81	72	72	80	79	63	70	70	72	74	76	76	82	84	72	57	70	68	65	59	65	72	80	83	75	71		72.0
	MIN	25	52	52	47	59	40	30	40	32	58	34	37	42	50	56	53	50	59	43	28	33	36	42	37	31	35	49	59	42	40		43.0
CAMPBELLSVILLE 2 SSW	MAX	72	71	70	82	78	65	79	80	78	72	74	71	74	67	70	80	85	72	69	64	72	67	61	62	72	81	81	70	69	69		72.6
	MIN	30	55	52	51	44	41	35	47	59	59	41	40	45	50	56	52	57	60	45	32	38	44	39	37	35	49	38	64	43	40		45.9
CECILIA	MAX	71	70	67	80	72	60	77	78	74	71	65	70	69	62	73	80	81	75	64	66	69	67	62	65	72	79	77	74	65	69		70.8
	MIN	32	50	45	52	52	42	33	46	57	57	37	39	45	50	54	60	52	60	42	32	37	40	33	35	35	39	44	58	43	43		44.8
CLERMONT 1 SSE	MAX	70	71	68	81	79	66	78	80	77	72	67	70	72	69	73	81	83	81	61	65	70	69	63	65	73	80	81	78	65	63		72.4
	MIN	26	56	46	45	60	40	29	43	52	58	37	35	40	50	56	53	51	58	42	30	35	38	42	33	33	39	59	43	41	43		43.8
GLASGOW WKAY	MAX	73	69	70	82	77	65	80	78	73	72	65	70	68	62	75	82	83	77	59	62	73	65	57	62	72	80	81	80	60	61		71.1
	MIN	32	56	52	49	59	46	37	45	56	57	41	40	50	51	56	49	55	59	44	32	36	39	45	37	35	39	51	60	42	36		46.2
GREENSBURG	MAX	50	73	68	72	82	74	65	81	81	72	73	68	74	72	63	73	83	85	74	49	66	74	68	57	65	74	81	84	74	60		71.2
	MIN	23	36	54	49	53	43	33	39	50	58	38	36	46	51	51	53	52	59	48	32	36	41	47	38	35	37	46	60	45	40		44.3
HODGENVILLE-LINCOLN NP	MAX		71	67	81	80	67		78		72	72	70	71			80	85	81	72	62	71			65	72	80	79	79				74.0
	MIN			49	54	59	42	35			57	37	41	42	46			48	59	43	31			40	35	36	44	54			42		
IRVINGTON	MAX	69	72	67	79	78	63	76	77	75	68	65	72	68	61	75	80	81	82	61	64	69	68	63	64	73	79	79	78	62	61		71.0
	MIN	34	57	47	47	55	44	35	54	59	58	36	38	46	52	55	53	55	59	42	30	39	39	44	35	34	40	59	58	43	44		46.4
LEITCHFIELD 2 N	MAX	70	67	65	80	74	74	76	76	68	70	65	74	66	59	74	81	80	78	58	64	68	64	60	61	71	83	83	75	60	61		70.2
	MIN	32	57	49	49	58	45	34	47	53	58	39	38	46	47	57	44	54	58	43	32	38	45	46	36	35	40	39	59	44	40		45.4
LOUISVILLE	MAX	67	69	71	82	81	68	80	83	82	72	71	69	74	71	73	82	85	83	70	65	72	70	63	63	71	80	80	80	66	61		73.5
	MIN	38	60	49	54	61	43	40	55	46	46	45	43	48	52	54	52	58	61	42	39	46	50	45	40	44	49	62	58	42	46		48.9
LOUISVILLE WB AP	MAX	70	68	69	81	73	63	79	80	69	71	66	69	72	61	73	79	81	71	56	62	70	65	56	64	72	80	81	70	50	62		69.4
	MIN	35	54	47	51	51	42	39	48	57	52	42	40	45	53	55	48	54	56	42	36	41	47	45	39	38	43	58	47	44	46		46.5
MAMMOTH CAVE PARK	MAX	73	72	69	82	78	66	78	78	74	72	68	70	69	63	74	82	82	77	68	66	72	68	64	63	72	79	81	80	65	62		72.2
	MIN	29	54	47	48	59	44	35	51	58	57	38	39	50	49	53	49	59	58	42	30	31	34	45	36	33	39	59	56	42	30		45.1

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NOLIN RIVER RESERVOIR	MAX	50	74		70	80	72	64	79	78	69	73	75	69	65	61	74	82	88	71		64	70	66	57	64	72	81	80	71	55		70.5
	MIN	27	36		48	50	48	34	41	52	52	40	39	41	51	50	48	46	59	46	33	39	42	46	37	33	41	45	59	44	34		43.5
ROUGH RIVER DAM	MAX	47	74	63	67	79	69	67	78	80	67	70	67	72	65	60	78	84	80	72	50	67	70	65	58	66	74	79	79	69	53		69.0
	MIN	19	37	48	50	55	46	39	44	60	59	40	46	45	50	50	48	52	60	45	33	40	44	45	37	37	40	54	58	43	44		45.6
SCOTTSVILLE 3 SSW	MAX	75	72	70	82	75	67	79	79	77	72	63	71	67	63	73	82	81	71	62	63	74	67	60	62	73	80	81	78	65	62		71.5
	MIN	34	57	53	55	59	47	43	53	56	58	43	43	51	50	56	56	60	58	44	38	43	47	46	38	39	48	59	59	42	37		49.1
SUMMER SHADE	MAX	72	69	72	80	73	68	78	78	71	71	65	72	67	63	71	81	82	72	59	64	73	65	55	62	71	79	81	75	61	63		70.4
	MIN	30	57	54	53	60	42	38	49	57	57	40	41	52	51	56	50	53	55	44	32	37	39	45	34	34	42	49	59	43	34		46.2
WOLF CREEK DAM	MAX	51	73	74	74	82	74	69	82	80	77	77	68	74	71	64	69	81	82	71	51	65	76	65	57	63	74	78	80	73	55		71.0
	MIN	26	36	52	51	56	47	34	38	47	57	38	33	43	52	52	52	48	58	50	31	33	40	45	34	32	33	37	51	44	32		42.7
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	62	67	70	84	77	70	78	80	77	68	64	70	77	67	68	78	85	77	68	61	70	64	60	62	71	78	83	79	65	61		71.4
	MIN	29	50	51	50	59	42	54	55	58	57	42	39	42	49	54	55	57	58	41	32	39	44	39	40	37	43	58	52	40	41		46.9
CARROLLTON LOCK 1	MAX	64	67	68	78	78	59	77	79	79	70	67	65	72	72	71	78	82	82	66	62	70	70	59	63	70	77	80	80	68	60		71.1
	MIN	30	57	45	42	58	41	33	43	52	59	32	36	40	52	53	46	50	62	40	33	38	45	42	38	35	40	57	56	43	45		44.8
COVINGTON WB AIRPORT	MAX	63	64	64	78	71	54	74	79	71	66	60	63	71	58	70	77	83	69	47	60	67	62	54	63	70	77	80	69	50	61		66.5
	MIN	35	48	41	44	48	40	32	49	56	50	40	37	39	53	54	46	57	45	38	32	41	42	41	37	36	47	58	44	43	44		43.9
CYNTHIANA 2	MAX																																
	MIN																																
DANVILLE	MAX	46	67	67	68	80	71	61	78	80	74	71	63	70	74	62	69	78	84	72	46	62	71	65	56	64	73	79	81	71	50		68.4
	MIN	18	34	50	50	50	40	35	35	54	57	40	39	39	47	50	52	52	58	44	33	33	43	40	39	38	40	48	59	43	42		43.4
DIX DAM	MAX	60	67	67	78	80	70	76	79	79	70	72	67	74	72	69	77	82	81	73	58	70	65	65	60	69	77	78	78	68	60		71.4
	MIN	28	57	49	48	57	40	33	46	53	57	38	37	47	50	55	53	52	61	42	30	39	43	40	38	37	42	50	59	40	43		45.5
FALMOUTH 5 WNW	MAX	64	65	66	77	75	59	77	80	74	68	63	66	76	70	71	78	83	77	56	63	68	63	54	64	71	78	80	79	57	62		69.5
	MIN	22	55	41	44	58	40	25	39	45	58	30	31	30	52	52	46	45	56	39	24	32	36	40	37	29	36	46	52	40	44		40.8
FARMERS 1 WNW	MAX	60	68	69	80	74	68	76	80	80	70	66	71	79	71	68	80	84	76	71	62	72	64	58	62	70	80	84	75	64	63		71.5
	MIN	24	52	46	42	61	42	29	38	45	58	36	34	38	54	53	53	46	61	41	29	32	40	42	39	31	35	42	58	40	40		42.7
FLEMINGSBURG 1 SW	MAX	59	65	66	78	71	62	75	78	75	70	62	65	75	67	66	77	82	75	67	61	68	62	53	60	67	75	79	76	65	61		68.7
	MIN	25	52	42	42	58	39	31	44	52	57	37	35	41	50	53	55	51	60	39	32	36	46	40	37	33	35	50	58	40	43		43.8
FRANKFORT LOCK 4	MAX	43	67	67	70	80	74	60	78	79	73	71	65	68	76	58	70	77	83	73	48	62	70	65	65	65	72	78	81	70	51		68.6
	MIN	16	35	41	43	45	38	31	32	42	51	37	37	39	41	52	51	49	50	43	31	31	37	40	39	34	36	39	48	42	44		39.8
LEXINGTON WB AIRPORT	MAX	66	66	67	79	71	59	76	78	73	69	64	67	74	59	68	76	82	71	56	60	68	63	53	63	68	77	80	70	51	60		67.8
	MIN	32	53	45	49	52	38	36	50	57	48	40	38	45	52	56	51	56	55	37	32	41	42	39	38	36	43	56	43	41	43		44.8
MAYSVILLE SEWAGE PLANT	MAX	44	67	60	66	78	73	58	76	78	76	70	62	67	58	76	79	83	71	44	63	70	64	55	64	78	81	74	52	71	63		67.4
	MIN	32	34	38	39	41	40	33	35	45	50	39	38	36	39	53	48	50	40	34	36	38	38	39	36	38	52	41	44	39	35		40.0
MOUNT STERLING	MAX	59	67	67	79	78	70	76	80	78	70	68	70	77	75	67	78	84	83	70	61	71	65	62	63	70	78	81	80	70	61		71.9
	MIN	28	54	45	46	59	38	34	46	53	57	38	36	44	50	53	56	52	59	41	30	37	42	39	38	36	40	52	58	41	41		44.8
OWENTON 2 S	MAX	65	64	69	78	75	60	77	80	79	69	66	69	72	70	70	80	84	84	70	64	68	67	60	62	70	79	80	80	67	62		71.3
	MIN	22	56	41	43	59	38	29	39	49	58	32	34	41	51	53	43	46	60	40	26	32	33	38	33	30	34	45	57	36	44		41.4
RICHMOND	MAX	46	66	70	69	80	71	60	78	80	77	70	62	69	77	58	66	77	83	72	55	61	71	66	57	63	71	78	80	71	50		68.5
	MIN	21	40	49	51	59	40	36	50	57	57	40	38	47	50	50	55	57	60	43	31	38	42	39	38	36	45	53	58	38	39		45.2
SHELBYVILLE	MAX	45	66	65	67	78	72	59	75	77	68	70	63	67	72	57	70	77	80	72	48	61	69	64	55	64	69	76	77	69	52		66.8
	MIN	20	34	41	43	50	37	37	38	52	57	37	36	38	44	50	45	47	59	41	33	36	42	40	37	36	41	48	56	42	43		42.0
WARSAW MARKLAND DAM	MAX	45	68	66	66	79	72	57	77	80	71	68	61	65	70	57	71	80	83	69	69	63	69	64	54	62	71	78	80	69	50		67.8
	MIN	14	37	45	42	43	43	34	34	42	54	36	37	40	42	52	46	47	49	43	34	35	36	41	39	34	35	37	52	44	44		40.4
WAYNESBURG 7 NE	MAX	64	67	69	79	76	64	77	78	75	68	63	68	73	65	68	78	83	79	62	60	68	63	57	60	69	77	81	77	63	59		69.7
	MIN	29	55	50	52	57	41	42	50	55	56	40	38	48	49	53	52	55	57	40	32	38	40	41	39	34	42	54	57	39	39		45.8
WILLIAMSTOWN 3 NW	MAX	63	65	67	76	73	56	76	79	71	70	61	64	74	63	69	77	81	75	55	61	67	62	54	65	69	76	79	76	57	60		68.0
	MIN	29	52	40	46	55	39	37	52	56	57	37	36	41	51	50	51	54	53	38	32	42	41	39	36	40	49	58	56	41	43		45.0
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	45	65	69	66	81	70	57	77	82	82	73	66	69	78	61	66	78	86	72	45	62	75	64	54	62	72	82	86	72	53		69.0
	MIN	23	29	43	43	44	42	29	34	39	48	40	36	35	50	52	54	45	48	43	37	32	42	41	40	31	35	41	45	39	36		39.9
BARBOURVILLE	MAX	52	66	75	75	82	74	68	80	80	80	69	69	77	75	65	69	82	81	78	57	67	75	65	53	63	76	82	84	70	59		71.6
	MIN	18	25	53	54	54	48	30	31	37	51	42	34	36	41	51	50	49	50	55	33	34	37	43	43	31	33	38	41	44	34		40.7
BAXTER	MAX	53	60	72	75	80	70	65	79	80	79	64	68	77	74	61	66	81	85	77	58	66	73	63	50	62	73	80	84	70	61		70.2
	MIN	19	24	50	50	53	46	31	31	36	44	43	35	35	50	48	52	47	47	54	39	36	36	41	42	31	31	35	44	46	32		40.3
BLAINE 2 W	MAX				70	81	71	60	79	83		72	69	71	80	59	65	81	88	74	50	64	74	65	54	64	74	83	86	72	53		70.8
	MIN			46	40	44	44	25	26	34		40	30	31	36	50	50	40	42	49	38	30	34	34	43	29	31	31	37	37	40		37.4
CUMBERLAND	MAX	63	72	75	80	80	64	80	80	80	75	69	76	75	67	68	79	85	78	65	65	72	69	57	63	74	82	85	79	67	63		72.9
	MIN	19	43	51	55	59	45	29	33	40	55	47	34	42	47	56	48	37	53	36	34	33	38	41	41	28	30	44	54	43	30		41.5
DEWEY DAM	MAX	47	67	74	69	81	74	63	79	83	84	73	69	73	80	60	66	80	89	79	56	63	75	66	52	65	75	84	88	72	52		71.3
	MIN	17	22	49	48	50	44	32	33	36	43	44	34	34	40	50	53	45	47	55	39	35	37	42	43	32	35	36	40	45	43		40.1
GRAYSON 5 SE	MAX	46	67	70	69	80	71	59	78	82	81	71	66	71	78	57	65	80	86	71	45	63	74	64	54	63	72	82	87	72	53		69.2
	MIN	15	25	45	40	41	43	27	29	38	46	40	33	33	37	52	53	43	46	44	38	32	34	42	40	31	32	37	49	39	36		38.0
HEIDELBERG LOCK 14	MAX	52	72	66	79	80	74	79	81	82	79	70	72	78	77	67	78	85	86	75	60	72	70	65	61	72	80	85	85	72	60		73.8
	MIN	22	40	50	45	55	43	29	38	45	58	39	32	38	51	52	51	45	57	44	31	32	40	43	40	31	33	38	50	42	42		41.9
HINDMAN 11 NNE	MAX	47	67	76	68	80	73	61	78	83	83	72	68	74	78	65	69	79	88	80	57	59	75	65	51	63	75	82	87	71	56		71.0
	MIN	22	31	50	49	49	42	29	29	39	47	47	32	37	45	50	52	44	48	51	39	32	35	43	40	30	34	35	48	41	38		40.3
HYDEN	MAX	51	64	74	72	81	74	66	82	83	81	71	71	76	80		71	82	86	80	58	64	76	64		63	75	83	81	71	58		72.8
	MIN	18	24	52	52	52	44	32	32	40	45	44	34	34	42		50	46	46	53	40	35	35	43	43	31	31	35	42	45	35		39.8
JACKSON	MAX	49	68	74	67	80	73	65	79	82	82	71	69	74	79	61	70	80	86	74	56	64	73	65	51	63	74	82	86	70	51		70.6
	MIN	23	27	51	47	50	44	31	33	43	50	42	34	40	42	52	52	47	48	50	34	36	40	43	43	32	35	39	40	38	39		40.8

See Reference Notes Following Station Index

DAILY TEMPERATURES

Continued

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	63	73	72	80	72	66	80	80	81	70	66	73	74	65	72	79	85	73	57	62	73	62	54	62	72	80	84	70	53	61		70.5
	MIN	24	51	46	45	57	45	31	39	49	54	42	41	47	50	55	34	51	57	42	34	35	41	44	39	32	36	43	49	39	37		43.0
MANCHESTER 4 SE	MAX	65	75	72	80	79	72	80	83	81	79	68	74	78	72	71	80	85	83	70	64	74	69	61	62	73	80	83	82	70	62		74.2
	MIN	23	41	52	50	56	44	28	35	42	55	39	32	40	50	53	50	45	58	43	33	33	39	44	41	29	33	37	55	43	33		41.9
MC KEE	MAX	47	64	70	69	81	72	65	82	78	80	69	65	74	77	61	70	79	86	75	50	54	65	64	51	62	74	82	85	69	50		69.0
	MIN	15	20	50	44	44	41	25	26	38	42	35	32	39	46	50	50	44	44	49	29	30	37	39	39	29	32	36	59	39	39		38.1
MIDDLESBORO	MAX	53	63	71	74	79	70	68	77	78	79	62	69	76	71	62	64	79	84	76	57	66	72	64	52	61	72	78	81	70	61		69.6
	MIN	22	25	50	52	54	50	31	32	45	52	44	35	35	51	53	50	47	48	55	40	35	37	43	43	30	32	36	59	45	32		42.1
MONTICELLO	MAX	73	75	74	83	78	66	81	81	80	69	67	73	72	66	71	80	84	74	67	62	73	65	60	62	73	80	85	85	66	62		72.9
	MIN	26	58	54	52	58	45	34	47	60	57	41	34	46	50	55	50	56	60	44	31	36	41	44	39	32	37	52	51	43	34		45.6
MOUNT VERNON	MAX	62	69	70	81	78	66	78	80	79	68	69	74	77	68	69	80	82	70	68	64	68	67	61	61	70	78	82	79	69	63		71.7
	MIN	25	53	50	46	56	41	34	51	56	55	40	41	48	47	52	50	58		41	30	36	43	41	40	33	36	56	58	39	38		44.6
PIKEVILLE	MAX	63	76	74	82	78	66	82	86	85	80	72	78	82	73	69	84	91	84		63	79	67	61	62	77	87	90	78	66	65		75.9
	MIN	25	45	52	52	57	45	34	40	42	51	42	37	43	50	55	56	48	64	57	40	37	42	45	45	34	37	42	53	46	42		45.3
SOMERSET 2 N	MAX	66	72	72	82	76	68	79	79	78	70	68	77	73	67	69	79	84	73	68	63	72	64	60	62		79	83	80	69	61		72.2
	MIN	25	55	53	52	58	44	38	40	41	47	38	40	42	49	50	49	48	56	42	31	35	38	41	35			43	54	44	41		43.9
STEARNS	MAX	52	49	72	75	80	69	69	80	81	79	67	71	75	78	67	71	81	65	73	50	69	66	65	62	60	61	83	62	68	57		68.6
	MIN	25	19	33	47	53	44	31	45	49	56	43	40	51	48	49	53	54	56	50	33	39	43	42	40	38	34	32	59	40	35		42.7
TOMAHAWK 1 WSW	MAX	46	68	73	69	80	73	60	78	82	83	72	67	72	78	58	65	79	87	79	52	62	74	65	52	64	63	81	86	71	53		69.7
	MIN	20	26	43	43	45	42	25	25	35	39	42	29	33	45	49	50	40	45	51	37	30	32	39	41	28	29	36	48	39	39		37.5
VANCEBURG	MAX	62	69	67	80	75	61	78	84	80	84	71	82	80	73	70	80	84	82	72	60	64	64	64	64	72	76	81	73	71	62		72.8
	MIN	26	55	39	39	56	40	26	33	39	50	42	32	39	48	48	52	41	58	40	28	36	37	39	38	28	38	36	47	36	41		40.2
WEST LIBERTY	MAX	47	66	69	70	80	70	63	80	84	82	71	69	74	80	57	64	82	88	73	48	67	72	64	52	65	75	82	86	72	51		70.1
	MIN	18	26	50	42	42	43	28	28	42	45	38	34	34	43	52	52	45	53	48	34	34	38	41	41	31	33	38	45	39	39		39.2
WILLIAMSBURG 1 E	MAX	67	75	75	81	78	69	81	80	80	76	69	77	70			78	84	81	70	65	75	71	66	63	74	81	84	83	70	66		74.6
	MIN	41	58	53	55	60	46	30	40	53	57	42	35	49			55	53	57	44	33	39	39	45	39	33	38	43	60	42	26		45.2

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	24	1.8	9.9	25++	25	05	79	81	59	61	2	5	8	2	0	0	17	-	6.9
LEXINGTON WB AIRPORT	21	2.2	9.8	23++	29	22+	70	75	56	56	6	6	3	2	1	0	18	-	6.4
LOUISVILLE WB AIRPORT	24	1.2	9.1	28	S	09	72	79	54	55	6	5	4	1	1	0	17	66	6.5

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.09	.25	.01	.07	.18	.17	.18	.29	.16	.25	.25	.19	.21	.21	.03	.20	.13	-	.12	.06	.08	.12	.05	.59	.07	.35	.35	.10	.30	.03		5.278
	WIND	32	159	54	28	109	90	36	70	110	66	60	41	78	110	108	32	45	54	88	24	28	81	105	65	21	40	114	114	86	34		2082
	MAX	59	67	60	69	80	79	74	79	76	61	76	78	73	71	72	81	86	79	76	57	85	78	76	55	75	78	80	-	75	61		73.0
	MIN	40	40	52	51	57	39	46	46	48	57	48	45	50	50	52	62	61	61	50	45	42	48	46	45	45	48	52	-	45	42		48.7
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.07	.04	.14	.05	.18	.05	.26	.27	.32	.26	.02	.04	.29	.21	.17	.07	.16	.41	.04	.05	.19	.22	.34	.12	.16	.23	.25	.30	.33	.11		5.35
	WIND	-	-	-	-	5	97	45	55	73	84	60	43	61	66	60	29	38	67	58	36	30	75	100	51	28	48	61	118	92	33		17468
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	-	.17	.07	.09	*	*	*	.71	.12	.24	.13	*	*	.61	.05	.03	.20	.24	*	.38	.15	.19	.35	.11	.14	.20	●	.60	.25	.05		5.268
	WIND	-	124	69	26	141	101	21	30	51	112	77	*	145	37	81	37	30	66	*	135	24	89	152	105	39	29	●	131	104	56		20818
	MAX	-	61	58	72	78	78	78	80	83	67	73	-	72	75	60	68	85	86	-	75	71	68	-	68	69	80	82	84	75	50		72.9
	MIN	40	40	51	52	57	45	42	42	55	56	46	-	68	44	53	56	60	61	-	38	48	47	-	46	44	48	52	60	44	43		49.6
* * * EASTERN 04																																	
BUCKHORN	EVAP	-	.03	.04	.07	.15	.17	.14	.18	.26	.16	.10	.04	.12	.38	-	*	.28	.04	-	.03	-	.12	.24	.19	.04	*	.61	.11	.03	.08		4.178
	WIND	-	63	68	24	55	68	33	26	45	126	69	31	21	42	21	22	18	37	57	55	16	68	115	63	34	32	37	72	63	26		14568
	MAX	-	53	76	72	76	71	75	80	82	84	69	80	77	76	63	69	86	86	75	59	69	71	65	52	67	79	82	84	73	60		72.8
	MIN	-	35	51	55	57	50	46	45	49	49	49	42	33	48	55	52	45	53	45	29	38	48	45	45	44	45	45	48	50	45		46.2
DEWEY DAM	EVAP	-	-	-	.00	.14	.02	.04	.11	.16	.13	.02	-	-	.09	.01	*	.09	.09	.02	.12	.08	.12	.19	.25	.08	.10	.20	.21	.06	.05		2.868
	WIND	-	-	-	-	11	27	21	7	9	43	24	15	15	12	4	3	7	8	17	33	14	29	47	25	15	11	16	29	19	9		5428
	MAX	-	-	-	58	60	70	68	75	79	87	72	76	75	75	60	65	81	83	75	60	64	72	67	53	63	76	80	83	68	58		70.5
	MIN	-	-	-	52	49	50	42	41	46	49	52	43	42	44	55	55	55	49	60	42	40	51	48	47	43	43	52	47	53	49		48.1

SNOWFALL AND SNOW ON GROUND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL																														T	
	SN ON GND																															

DAILY SOIL TEMPERATURES

KENTUCKY
APRIL 1969

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN NAZARETH COL	4	MAX	47	50	54	57	58	59	59	59	60	59	59	59	59	58	57	63	64	65	64	60	61	58	57	59	62	63	64	64	65	65		59.6
		MIN	42	47	50	52	56	53	51	54	56	56	53	57	53	55	55	55	59	61	58	52	54	54	54	52	53	56	58	61	57	55		54.3
	20	5PM	45	46	47	48	50	50	51	52	51	52	53	53	53	53	53	54	55	56	57	56	56	55	55	55	55	55	56	57	58	57		53.1
BEREA COLLEGE	4	MAX	45	47	53	55	56	57	57	59	59	58	58	58	57	57	57	62	63	63	63	56	57	58	58	55	58	60	62	62	62	58		57.7
		MIN	41	43	47	49	55	53	51	54	57	57	54	53	54	55	55	57	59	62	58	54	54	55	55	53	53	55	58	60	58	55		54.1
	20	5PM	43	44	44	46	48	49	49	49	50	51	52	53	52	52	52	53	54	55	54	55	55	55	55	55	54	55	55	56	56	56		51.9
CAMPBELLSVILLE 2 SSW	4	MAX	56	56	57	58	59	60	60	61	58	58	59	56	58	55	58	59	65	65	65	60	58	58	57	57	61	64	64	62	58	60		59.4
		MIN	56	54	50	51	56	55	50	55	55	56	52	52	50	53	53	56	59	62	54	52	52	54	54	52	52	54	54	53	57	54		53.9
	20	6PM	43	44	46	47	48	50	50	51	51	52	52	52	52	53	53	53	55	57	57	56	54	55	55	55	55	55	55	56	56	55		52.4
CUMBERLAND GAP PARK	4	MAX	48	47	53	56	56	58	57	58	59	60	58	57	60	58	57	61	62	63	62	59	59	59	58	56	58	60	61	62	59	60		58.0
		MIN	42	45	46	52	55	55	54	54	55	57	54	53	56	55	55	57	57	60	59	56	55	56	55	54	53	54	56	59	56	55		54.3
	20	5PM	45	45	47	48	50	51	51	52	52	53	53	53	53	53	53	54	55	56	56	56	56	56	56	55	55	55	56	56	56	56		53.1
FLEMINGSBURG 1 SW	4	MAX	42	44	50	52	52	53	54	55	55	54	54	53	54	55	53	58	58	58	58	52	52	50	51	49	50	54	57	58	58	58		53.4
		MIN	37	40	44	46	51	48	46	49	50	52	49	49	49	52	51	53	54	57	52	49	49	49	49	48	47	47	51	55	52	51		49.2
	20	6PM	42	42	42	44	45	46	47	47	48	48	49	49	49	49	49	50	51	52	52	52	52	51	51	51	51	51	51	52	52	52		48.9
GLASGOW WKAY	4	MAX	47	49	54	57	58	59	59	59	56	58	59	59	59	57	59	63	64	64	62	61	61	60	60	59	62	62	64	64	64	61		59.3
		MIN	43	47	49	52	57	56	53	56	56	54	54	54	55	55	55	56	59	62	60	55	55	56	56	54	55	54	58	60	59	56		55.0
	20	6PM	44	45	47	49	50	51	51	52	52	52	52	53	53	53	53	53	54	55	56	56	56	56	55	55	55	56	56	57	57	57		53.0
GREENVILLE 2 W	4	MAX	52	52	54	59	62	62	62	62	62	64	64	66	65	58	64	68	69	66	65	64	65	64	64	63	64	65	66	68	69	65		63.1
		MIN	44	51	51	54	57	56	55	58	57	59	56	56	57	57	58	60	63	64	60	55	57	58	58	56	57	57	59	64	61	57		57.1
	20	5PM	45	47	48	49	51	52	53	54	54	54	55	55	55	55	55	55	57	58	58	57	57	58	57	56	51	57	57	58	58	58		54.5
HENDERSON 7 SSW	4	MAX	49	50	55	57	57	58	58	59	58	59	59	60	60	57	60	64	64	63	63	61	61	63	63	62	60	62	62	64	63	62		59.8
		MIN	46	49	50	55	57	55	54	57	58	58	56	56	57	57	57	59	62	63	60	57	58	59	60	58	58	59	61	62	61	58		57.2
	20	6PM	45	46	47	49	50	51	52	52	53	53	53	53	54	54	54	55	56	57	57	56	56	56	56	56	56	56	56	57	57	57		53.7
IRVINGTON	4	MAX	52	52	59	60	60	62	62	62	62	63	63	63	61	58	60	64	65	60	63	64	60	58	59	59	58	59	61	62	62	61		60.5
		MIN	48	52	51	53	59	54	50	45	57	58	54	53	54	55	55	55	59	57	57	56	53	54	55	53	52	52	58	61	57	54		54.4
	20	4PM	43	43	44	46	48	48	49	49	51	51	51	51	56	51	51	51	57	52	54	53	53	53	53	52	52	52	53	53	53	53		50.9
LEXINGTON CAMPUS FARM (BARE GROUND)	1	MAX	57	55	73	72	66	69	78	78	67	69	73	72	73	59	67	82	80	77	57	74	66	65	55	66	73	77	80	77	58	76		69.8
		MIN	34	50	47	47	55	41	37	47	51	51	43	41	43	52	54	53	54	59	43	39	43	45	43	42	40	44	51	50	48	45		46.4
	2	MAX	54	54	67	66	65	64	71	73	53	66	68	66	68	58	65	77	76	74	61	70	61	62	53	64	68	72	75	68	57	71		65.9
		MIN	34	49	47	48	55	44	40	48	53	54	45	43	45	53	54	54	55	61	46	40	45	46	45	43	42	46	52	53	49	46		47.8
	4	MAX	48	52	60	61	61	59	64	65	59	62	62	61	62	57	61	70	70	68	61	68	58	59	52	60	63	65	69	65	57	64		61.4
		MIN	36	47	48	49	56	48	44	50	54	55	48	46	47	54	54	55	56	61	50	45	48	49	48	46	46	49	53	57	51	49		50.0
	8	MAX	45	49	54	56	57	56	57	59	56	58	57	56	57	56	58	63	63	64	62	57	56	55	52	56	57	60	62	61	59	59		57.2
		MIN	39	45	48	50	55	50	47	52	54	55	51	50	49	54	54	56	57	61	54	49	51	51	50	49	49	51	54	59	53	51		51.6
(SOD)	1	MAX	47	50	56	57	56	57	60	60	57	59	58	58	59	57	59	64	64	64	61	58	56	56	53	55	59	60	61	60	55	59		57.9
		MIN	39	46	48	50	55	50	47	52	54	55	51	50	51	54	54	56	57	61	53	50	51	52	51	50	48	50	53	55	53	51		51.6
	2	MAX	46	49	55	56	57	56	59	59	56	56	57	57	58	57	59	62	63	63	60	58	56	56	53	55	57	59	60	60	56	58		57.2
		MIN	40	46	46	49	54	50	48	51	54	55	52	50	51	54	54	55	56	60	53	50	51	52	51	50	49	51	53	56	53	51		51.6
	4	MAX	45	46	53	55	56	55	56	55	56	57	56	57	56	56	57	61	61	62	60	56	55	55	54	54	56	57	59	59	56	57		56.0
		MIN	40	45	48	49	53	50	49	51	53	55	52	51	52	54	54	55	56	59	54	51	52	53	52	51	50	51	54	56	53	52		51.8
	8	MAX	44	47	50	52	53	53	53	54	54	55	55	56	55	55	56	57	59	59	60	55	55	54	54	53	54	55	56	57	56	55		54.4
		MIN	41	44	47	49	52	51	50	51	53	54	52	52	52	54	54	54	56	58	55	53	53	53	53	52	51	52	54	56	54	53		52.1

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM (SOD)	20	7PM	44	44	46	47	46	49	49	50	51	51	52	52	51	52	53	53	54	55	56	54	54	53	53	53	53	53	54	54	54	54		51.5
	40	7PM	44	44	45	45	46	47	47	47	48	48	49	49	49	50	50	50	50	51	52	52	52	52	53	52	52	52	52	52	53	53		49.5
MAYFIELD RADIO WNGO	4	MAX	55	55	55	60	59	62	65	66	65	67	66	66	65	67	69	72	73	66	63	66	70	66	66	65	68	70	70	70	71	70		65.6
		MIN	49	54	54	54	53	54	62	65	59	65	65	65	59	63	60	64	66	61	61	61	55	60	59	56	58	60	62	65	62	60		59.7
	20	5PM	49	49	50	51	52	57	54	55	59	58	58	58	60	58	59	59	60	60	60	63	60	60	60	60	60	60	62	61	62	62		57.9
PRINCETON 1 SE	4	MAX	50	50	53	56	60	60	61	61	62	63	64	64	63	59	66	68	70	66	67	63	63	62	63	63	65	65	67	68	68	65		62.5
		MIN	45	50	49	52	56	53	52	56	58	57	55	56	57	57	57	60	64	64	58	53	57	56	57	54	55	57	61	63	58	56		56.1
	20	5PM	45	46	47	49	51	52	52	53	54	54	54	55	54	54	54	56	57	58	58	57	56	56	56	56	56	56	57	58	59	58		54.3
QUICKSAND	4	MAX	49	49	55	59	59	61	62	64	65	65	64	64	64	63	60	69	70	70	65	64	64	61	61	58	64	66	67	66	64	60		62.5
		MIN	44	45	49	51	55	53	50	51	55	53	55	52	54	58	56	59	59	64	59	53	54	55	55	53	51	53	55	59	56	53		54.0
	20	4PM	44	45	46	48	50	51	51	52	54	54	54	53	55	55	55	61	57	59	59	52	52	57	56	55	55	56	52	57	57	52		53.5
SANDY HOOK 5 W	4	MAX	45	48	56	57	57	57	59	62	61	60	60	60	60	60	57	65	66	66	64	59	56	57	55	55	60	63	65	65	61	61		59.2
		MIN	38	44	46	50	55	55	47	52	55	55	51	50	50	54	53	56	58	60	53	47	51	50	49	48	47	51	54	58	53	50		51.3
	20	6PM	42	43	44	46	48	49	49	49	50	51	51	51	51	52	52	52	54	57	57	54	53	55	53	52	51	52	53	54	55	53		51.1
SOMERSET 2 N	1	MAX	50	50	60	61	63	61	63	63	64	60	61	61	59	58	58	64	66	65	65	61	60	59	61	59	-	64	67	68	65	59		61.2
		MIN	40	46	50	52	51	53	50	52	55	56	53	53	54	54	54	55	56	61	57	53	53	54	56	52	-	57	57	56	57	54		53.6
	4	MAX	50	49	54	59	60	59	62	61	62	58	59	60	58	56	57	62	63	63	64	61	59	58	59	58	-	62	62	62	64	58		59.3
		MIN	42	46	49	53	56	54	50	58	55	56	53	53	54	55	54	55	53	61	58	54	54	55	56	54	-	57	57	59	57	55		54.4
WILLIAMSTOWN 3 NW	4	MAX	43	47	50	51	54	54	54	55	55	56	56	56	57	55	56	58	59	60	60	57	55	54	53	54	55	56	57	58	58	57		55.0
		MIN	41	43	47	49	51	51	50	53	54	55	53	52	53	55	55	54	57	59	57	53	53	53	53	52	52	54	55	57	56	55		52.7
	20	6PM	43	43	44	45	46	47	46	48	49	49	50	50	50	50	50	51	52	53	54	53	53	52	52	52	52	52	52	53	53	53		50.0

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENOAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENOAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

See Reference Notes Following Station Index

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ↕	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL A E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	0A	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		C GH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	090A	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA M. NEWKIRK
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		7A			OTHO KELLER
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	768		7A			RONALD G ROWE
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOUSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			CLOSED 2/3/69
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS LILLIAN N WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOIE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1150		5P			HOBART ISON
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK O. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			PORTER WALLACE, JR.
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.+E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	625		7A		C	JAMES W. STEWART
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	CLOSED 2/4/69
SANDY HOOK 5 W	7165	04	ELLIOT	1	38 07	83 13	1105				G	WILLIAM ADKINS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WAKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
CLOSED STATIONS												
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	7A	7A			CLOSED 2/3/69
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755				G	CLOSED 2/4/69
NEW STATIONS												
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
SANDY HOOK 5 W	7165	04	ELLIOT	1	38 07	83 13	1105				G	WILLIAM ADKINS

↕ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

KENTUCKY
APRIL 1969

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."
	No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
MAY 1969
Volume 64 No. 5

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	80.6	54.1	67.4		91	31+	36	11	42	3	0	0	0	2.00		1.14	18	.0	0		4	1	1
BEAVER DAM	81.1	53.4	67.3		91	30	37	11	51	3	0	0	0	2.76		1.25	19	.0	0		5	2	2
FORDS FERRY DAM 50	78.5	55.1	66.8		91	31	41	11+	51	2	0	0	0	2.24	- 1.54	.46	8	.0	0		7	0	0
GILBERTSVILLE 1 SE	81.1	56.3	68.7		93	29	39	11	35	3	0	0	0	3.51		1.65	18	.0	0		6	3	1
GOLDEN POND 8 N	78.9	56.9	67.9		89	31+	41	11	43	0	0	0	0	2.38		.94	18	.0	0		7	1	0
GREENVILLE 2 W	80.1	53.9	67.0	1.4	90	30+	36	11	51	2	0	0	0	3.04	- 1.04	1.20	18	.0	0		6	2	1
HENDERSON 7 SSW	78.8	55.8	67.3	1.1	91	30+	40	11	49	3	0	0	0	3.38	- .85	1.27	18	.0	0		6	2	2
HICKMAN 1 E	80.3	54.0	67.2		92	30+	39	11	39	3	0	0	0	1.85		.80	18	.0	0		3	1	0
HOPKINSVILLE	80.4	54.2	67.3	.6	93	31+	37	11+	58	3	0	0	0	2.27	- 1.94	1.22	18	.0	0		6	1	1
LOVELACEVILLE	80.4	54.4	67.4	.2	91	31+	36	11	41	4	0	0	0	2.36	- 1.90	1.00	8	.0	0		4	2	1
MADISONVILLE 1 SE	80.7	54.4	67.6		91	30+	40	11+	43	2	0	0	0	3.48		1.20	19	.0	0		5	3	2
MAYFIELD RADIO WNGO	82.6M	53.1M	67.9M				37	11	34		0	0	0	2.11		.55	8	.0	0		7	1	0
MURRAY	78.0	56.3	67.2	- .4	89	30	40	11	45	0	0	0	0	2.03	- 2.15	.87	18	.0	0		4	1	0
OWENSBORO 2 W	80.6	54.2	67.4	1.3	95	30	38	12	51	5	0	0	0	2.89	- 1.30	1.06	18	.0	0		6	2	1
PADUCAH FAA AIRPORT	78.4	55.9	67.2		91	31	40	11	44	2	0	0	0	2.31		.73	18	.0	0		5	2	0
PADUCAH	80.6	55.2	67.9		91	31+	40	11	35	3	0	0	0	1.70	- 2.70	.71	8	.0	0		5	1	0
PRINCETON 1 SE	81.3	54.6	68.0	1.3	91	30	39	11+	39	3	0	0	0	2.66	- 1.31	1.17	18	.0	0		6	1	1
ROCHESTER LOCK 3	77.8	53.1	65.5		90	31+	39	2+	67	2	0	0	0	3.59		1.18	23	.0	0		9	2	1
RUSSELLVILLE	78.3	54.0	66.2	- .2	91	31	37	1	61	1	0	0	0	2.24	- 1.52	.60	17	.0	0		5	3	0
DIVISION			67.3	.7										2.57	- 1.64			.0					
* * *																							
CENTRAL 02																							
ANCHORAGE																							
BARDSTOWN NAZARETH COL	77.3	53.7	65.5		88	30	35	1	61	0	0	0	0	3.98		.70	18+	.0	0		9	4	0
BARREN RIVER RESERVOIR	78.8	52.6	65.7		93	31	33	1	67	2	0	0	0	3.87		1.21	19	.0	0		7	3	2
BOWLING GREEN FAA AP	79.9	54.2	67.1	- .1	93	30	39	11	53	3	0	0	0	3.18	- .59	.74	22	.0	0		9	2	0
BRADFORDSVILLE	78.7	50.5	64.6		90	31	30	1	83	1	0	1	0	2.82		.97	19	.0	0		7	2	0
CAMPBELLSVILLE 2 SSW	80.1	54.0	67.1		90	31+	38	1	54	2	0	0	0	3.82		1.48	19	.0	0		9	2	1
CECILIA	79.5	53.5	66.5	1.7	92	31	37	1	56	2	0	0	0	3.88	- .25	.98	19	.0	0		8	4	0
CLERMONT 1 SSE	80.5	51.2	65.9		92	30	36	1	64	1	0	0	0	4.48		.95	8	.0	0		8	3	0
GLASGOW WKAY	79.7	53.1	66.4		90	31+	38	11	54	2	0	0	0			1.18	18	.0	0			5	2
GREENSBURG	80.3	52.5	66.4	.8	91	31	39	13+	60	2	0	0	0	3.58	- .70	1.09	19	.0	0		8	2	1
HODGENVILLE-LINCOLN NP	80.4M	53.1M	66.8M		90	31+	35	1	51	2	0	0	0	3.09		.90	19	.0	0		7	2	0
IRVINGTON	79.3	52.7	66.0	.2	89	31	36	12	64	0	0	0	0	3.37	- .74	.69	18+	.0	0		7	3	0
LEITCHFIELD 2 N	79.3	52.3	65.8	- .2	91	30+	37	1	68	3	0	0	0	2.61	- 1.51	.74	19	.0	0		6	1	0
LOUISVILLE	80.8	57.7	69.3		93	31+	44	12+	38	4	0	0	0	4.23		1.21	14	.0	0		7	4	1
LOUISVILLE WB AP R	77.2	55.2	66.2	1.8	89	30	40	10	61	0	0	0	0	3.91	.01	.94	18	.0	0		10	3	0
MAMMOTH CAVE PARK	79.3	51.8	65.6		89	31+	33	11	64	0	0	0	0	5.27		1.37	9	.0	0		10	5	1
NOLIN RIVER RESERVOIR	78.4	50.2	64.3		92	31	37	1	86	2	0	0	0	4.50		.94	19	.0	0		8	5	0
ROUGH RIVER DAM	78.4	53.0	65.7		92	31	39	1	74	2	0	0	0	2.20		.68	18	.0	0		5	2	0
SCOTTSVILLE 3 SSW	78.6	56.5	67.6		89	30	40	11	41	0	0	0	0	7.39		3.36	19	.0	0		10	6	1
SUMMER SHADE	78.4	53.1	65.8		88	31+	37	11	61	0	0	0	0	5.00		2.42	19	.0	0		6	3	1
WOLF CREEK DAM	79.0	49.6	64.3		90	31	34	1	86	1	0	0	0	3.53		1.15	19	.0	0		8	2	1
DIVISION			66.1	.5										3.93	- .06			.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	79.0	54.5	66.8	1.2	90	31	39	1	53	1	0	0	0	3.22	- .57	.99	23	.0	0		9	2	0
CARROLLTON LOCK 1	77.8	52.6	65.2		89	31	35	1	72	0	0	0	0	3.76	.26	.90	8	.0	0		8	3	0
COVINGTON WB AIRPORT R	76.5	53.5	65.0	2.5	91	31	38	1	84	2	0	0	0	2.05	- 1.54	.77	8	.0	0		4	2	0
CYNTHIANA 2	77.1M	50.3M	63.7M				35	1	108		0	0	0	2.61		.83	23	.0	0		6	3	0
DANVILLE	76.7	52.1	64.4		89	31	38	2+	86	0	0	0	0	2.63	- 1.33	.96	9	.0	0		7	1	0
DIX DAM	78.1M	52.8M	65.5M		89	31	37	1	78	0	0	0	0	3.30		1.44	9	.0	0		8	1	1
FALMOUTH 5 WNW	78.8	48.6	63.7		90	31+	30	1	96	2	0	1	0	2.83	- 1.05	.78	19	.0	0		7	2	0
FARMERS 1 WNW	78.4	50.9	64.7	.2	90	31	32	1	75	1	0	1	0	2.50	- 1.56	1.40	9	.0	0		6	1	1
FLEMINGSBURG 1 SW	76.6	51.7	64.2		88	31+	36	12+	88	0	0	0	0	3.45		1.01	19	.0	0		7	3	1
FRANKFORT LOCK 4	76.6	50.8	63.7	- .8	91	31	35	1	103	2	0	0	0	2.85	- 1.08	.59	19	.0	0		7	1	0
LEXINGTON WB AIRPORT R	76.3	54.6	65.5	1.0	89	31	38	1	77	0	0	0	0	3.78	- .07	1.35	8	.0	0		7	3	1
MAYSVILLE SEWAGE PLANT	77.3	49.1	63.2	- .4	90	31+	35	2+	106	2	0	0	0	3.25	- .45	.69	9	.0	0		9	2	0
MOUNT STERLING	78.5	52.9	65.7		90	30	37	1	68	1	0	0	0	4.07	.10	2.17	8	.0	0		7	2	1
OWENTON 2 S	79.8	50.3	65.1		92	29	33	12+	81	3	0	0	0	3.98		1.42	18	.0	0		7	3	1
RICHMOND	76.8	53.4	65.1		90	31	39	11+	81	1	0	0	0	2.47		.55	14	.0	0		8	2	0
SHELBYVILLE	75.3	52.6	64.0	- .4	89	31	39	12+	97	0	0	0	0	4.07	.06	.98	19	.0	0		8	3	0
WARSAW MARKLAND DAM	76.4	49.5	63.0	- .5	90	31+	35	2	119	2	0	0	0	4.15	.51	1.04	8	.0	0		10	3	1
WAYNESBURG 7 NE	77.2	53.0	65.1		88	31+	37	11	71	0	0	0	0	2.52		.85	19	.0	0		8	1	0
WILLIAMSTOWN 3 NW	77.0	54.1	65.6	.9	89	30	38	11	73	0	0	0	0	3.12	- .84	1.24	18	.0	0		5	2	1
DIVISION			64.7	- .1										3.19	- .70			.0					
* * *																							
EASTERN 04																							
ASHLAND	77.3	47.8	62.6	- 2.8	91	31	32	1	121	2	0	1	0	2.63	- 1.32	.93	9	.0	0		10	1	0
BARBOURVILLE	78.8	49.3	64.1		89	31	33	2+	93	0	0	0	0	3.83		1.70	9	.0	0		9	2	1
BAXTER	77.8	48.0	62.9		89	31	32	1	104	0	0	1	0	3.29		1.15	9	.0	0		8	2	1
BLAINE	78.6	45.3	62.0		91	31	31	2+	127	3	0	2	0	1.62				.0	0				0
CUMBERLAND	79.0	47.5	63.3		91	31	29	1	93	2	0	1	0	3.27		1.10	9	.0	0		7	3	1

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 50

CLIMATOLOGICAL DATA

Continued

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	79.4	48.2	63.8		91	31+	33	2+	98	4	0	0	0	2.90		.95	9	.0	0		6	2	0
GRAYSON 5 SE	77.6	46.7	62.2		93	31	30	1	132	2	0	2	0	1.89		.39	9	.0	0		8	0	0
HEIDELBERG LOCK 14 R	79.8	50.1	65.0		90	30	33	1	70	1	0	0	0	2.02	- 1.67	.57	9	.0	0		6	1	0
HINDMAN 11 NNE	78.7	47.2	63.0		91	8	31	2+	111	3	0	2	0	2.69		.91	9	.0	0		8	1	0
HYDEN	78.8	48.3	63.6		90	31	35	2+	94	1	0	0	0	3.57		1.16	9	.0	0		8	3	1
JACKSON	76.5M	47.3M	61.9M				32	10	136		0	1	0	1.64		.49	9	.0	0		5	0	0
LONDON FAA AP	76.8	51.0	63.9		89	31	36	13	82	0	0	0	0	2.07		.59	18	.0	0		5	2	0
MANCHESTER 4 SE	79.3	49.5	64.4		89	31	32	1	78	0	0	1	0	3.99		2.23	9	.0	0		7	2	1
MC KEE	76.8	45.6	61.2		90	31	29	1	139	1	0	3	0	3.65		1.55	19	.0	0		8	2	1
MIDDLESBORO	77.4	48.2	62.8		88	31	32	1	102	0	0	1	0	2.04		.53	19	.0	0		6	1	0
MONTICELLO	79.7	52.3	66.0		90	31	34	1	63	1	0	0	0	3.53		1.00	9	.0	0		8	2	1
MOUNT VERNON	79.0	52.5	65.8		89	31	36	1	66	0	0	0	0	2.39		.63	19	.0	0		8	1	0
PIKEVILLE	82.2	52.6	67.4		93	31+	36	1	48	7	0	0	0	2.50	- 1.51	.71	9	.0	0		7	2	0
SOMERSET 2 N	78.7	50.5	64.6		89	31+	39	13+	74	0	0	0	0	4.61		1.12	19	.0	0		9	3	1
STEARNS	77.6	50.6	64.1		89	31	35	1	87	0	0	0	0	3.17		.96	19	.0	0		8	3	0
TOMAHAWK 1 WSW	77.4	44.8	61.1		90	31	30	2+	139	1	0	2	0	2.70		.80	9	.0	0		7	1	0
VANCEBURG	79.1	46.7	62.9		91	30	30	1	109	2	0	3	0	1.91		.50	9+	.0	0		4	2	0
WEST LIBERTY	78.3	47.8	63.1		90	31	32	2+	114	1	0	2	0	2.46		.59	19	.0	0		7	2	0
WILLIAMSBURG 1 E	80.1	51.7	65.9	- .4	89	5	34	1	58	0	0	0	0	3.31	- .72	1.20	9	.0	0		8	2	1
DIVISION			63.7	- 1.7										2.82	- 1.16			.0					

SPECIAL WEATHER SUMMARY

It was a relatively mild month, average temperatures ranging from near to slightly above normal. Some areas of the State had relatively light rainfall, chiefly in portions of the Western, Northern Blue Grass and Eastern Divisions. Two tornadoes were reported on the 8th and one on the 10th. The number of thunderstorms reported was just about average in most sections. While the month as a whole was not quite as windy as average statewide, it was quite windy on several dates. Wind instruments indicated that much of the State had 1-minute wind speeds of 20 to 40 m.p.h. on the 10th; gusts 50 to 60 m.p.h. were reported to have occurred at several locations.

On the 8th a tornado in Hart County was responsible for one injury and several houses and 5 barns were demolished. Also on the 8th, a storm in Nelson County destroyed two barns and overturned a truck. On the 10th there was a tornado in Bullitt County responsible for 14 injured and about $1/2 million property damage. Also on the 10th, high winds blew a car off a highway in Henderson County, injuring 4 persons; blew a tree upon 4 children in Caldwell County, injuring them. There was a variety of wind damage in many sections of the State, in at least 25 counties; there was also some crop damage due to hail at a few locations. On the 13th high winds destroyed a mobile home in Union County, injuring two persons. Five persons were injured by lightning in Clinton County on the 19th.

Almost two-thirds of the days had warmer than normal temperatures. However, minimums in the thirties were observed as late as the 13th in several areas. The greater part of the month's rainfall fell from the 8th through the 19th, preceded in a number of areas by 2 dry weeks and followed by another dry spell.

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Note: These notes highlight several noteworthy weather events and were compiled before weather data processing for this publication was completed. For further details see the accompanying tables. Also see this month's issue of STORM DATA for more details of the storms noted above and additional storms.

DAILY PRECIPITATION

KENTUCKY
MAY 1969

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	2.00				.01			.14	.24		.03		.08	T			T	.33	1.14	.03	T			T	T						T	T
BEAVER DAM	2.76								.15				.10				.11		1.11	1.25				.04								
CALHOUN LOCK 2	4.50								.66	.45		.11	.13		.54			.15	1.04	1.28	.11			.03		T						
COBB	3.40									.42			.25	T	T			.10	1.15	1.40				.08								
DAWSON SPRINGS	2.03								.19	.32		.10	.15					.15	.90	.17					.05	T						
DUNDEE 4 ESE	3.42								.25	.18			.15					.34	1.10	1.40												
DUNMOR	3.31								.48	.17		.09	.22		.03			.50	1.53	.14				.15								
ELKTON 2 S	3.10								.01	.23		.27	.21		.11			.25	1.45	.40	.02			.15		T						
FORDS FERRY DAM 50	2.24								.46	.31	T	.04	.40					.10	.43	.25	T					T						.25
FRANKLIN 1 E	2.25								.04	.96		.09		.16				.49	.10	.26	.03			.12								
GILBERTSVILLE 1 SE	3.51						T	T	.72	T	.08		.16	.11	T	T	T	.12	1.65	.02	T		T	.02			T		T	T	.63	T
GOLDEN POND 8 N	2.38								.22	.28			.17		.11	.10		.05	.94	.46				.05								
GREENVILLE 2 W	3.04								.06	.15	.25		.14		.09		.72		1.20	.43					T							
HARTFORD 6 NW	2.67									.31		.07	.12		.03			.33	1.16	.61	T			.03		.01						
HENDERSON 7 SSW	3.38								1.05	.18	.02	T	.04	T	.08		.20	.31	1.27	T			.23		T							
HICKMAN 1 E	1.85				T			.07	.40	.02	T		.04	T		.08	T	.36	.80	.08											T	
HOPKINSVILLE	2.27								T	.05		.13	.26		.09			.12	1.22	.20	T			.20								
LOVELACEVILLE	2.36								1.00				.12	T				.38	.76	.05												.05
MADISONVILLE 1 SE	3.48								.51	.09		.03	.22		.01			.32	1.10	1.20												
MAYFIELD RADIO WNGO	2.11								.55	T	.38		.16				T	.27	.20	.45				.10								
MURRAY	2.03								.04	.42		.06	.09		T	T		.06	.87	.30				.19								
OWENSBORO 2 W	2.89								.75	.20		.06	.10		.05			.35	1.06	.32			T									
OWENSBORO DAM 46	2.99								.68	.25		.13	.02		.07			.32	.81	.62	.06			.03								
PADUCAH FAA AIRPORT	2.31				T			.63	.24	T	T	.15	T	.05			T	.42	.73	T	T				T							.09
PADUCAH	1.70				.16				.71	T	T		.20					T	.32	.31												
PARADISE STEAM PLANT R	2.83								.18	.31		.19	.23		.25			.30	.88	.21				.14		.14						
PRINCETON 1 SE	2.66								.29	.39	.05		.20	T	T		.17	.09	1.17	.30				T	T							
ROCHESTER LOCK 3	3.59								.15	.14		.18	.21		.17			.28	.89	.35				1.18		.04						
RUSSELLVILLE	2.24									.55		.12	.31		.03			.60	.51	.07		.01		.04								
SEBREE	2.78								1.48	.10		.12	.12					.23	.38	.31				T	.04							
UNIONTOWN DAM 49 //	3.91								.28	.48	T		.07		.35			.57	.67	1.49						T						
• • • CENTRAL 02																																
ADDISON DAM 45 //	4.92								.95	.34	T	.08			.80	T		.49	.90	1.00	T			.33		.03						
ALBANY 4 N	2.81						.11		.03	.78		.26	.22						.20	.77	.11			.17		.16						
ANCHORAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BARDSTOWN NAZARETH COL	3.98								.70	.35	.27				.55		.26	.13	.70	.43				.59								
BARREN RIVER RESERVOIR	3.87								.17	1.09		.06	.25		.22			.62	.20	1.21				.05								
BOWLING GREEN	3.44									.95		.25	.10		.03			.67	.47	.32				.65	T							
BOWLING GREEN FAA AP	3.18							.19	.48	T	.17	.15	.11	.05			.50	.30	.46				.74		.03							
BRADFORDSVILLE	2.82								.37	.09		.54			.10			.20	.23	.97	.02			.30								
BROWNSVILLE	4.78								.32	1.12	T	.43	.21		T			.75	.36	1.15				.35		.09						
BURKESVILLE 2 W	3.52								T	.90	T	.32	.28					.28	.32	1.13	.05			.15		.09						
CAMPBELLSVILLE 2 SSW	3.82								.42	.56	.15	T	T		.11		.31	T	.41	1.48	.15			.23	T							
CANEYVILLE	3.51								.23	.58		.08	.36		.11			.41	.84	.90												
CECILIA	3.88							T	.55	.68	.11	.04	T		.25		.38	.07	.50	.98				.32	T							
CLERMONT 1 SSE	4.48								.95	.84	.41	.01			.67		.30	.46	.39					.45								
EDMONTON	4.93									.96		.55		.15				.35	.20	2.05	.62			.05								
GAMALIEL 1 S	3.86								.07	1.45	T	.22	.17			T		.71	.23	.55	.21			.25	T	T						
GLASGOW	5.12								.15	.93		.35	.25		.20			.58	.75	1.73	.03			.07		.08						
GLASGOW WKAY	-							.01	.72	.59	.44		-		.11		.59	.01	1.18	1.06				.03	.02							
GLENDALE 1 E	2.87								.62	.36					T			.48	.33	.79				.29								
GREENSBURG	3.58								.17	.92		.35	.20					.25	.18	1.09	.06			.35	T	.01						
GREENSBURG HIWAY 61	3.25								.15	.86		.37	.19					.22	.12	1.02	.04			.27		.01						
HODGENVILLE-LINCOLN NP	3.09								.35	.30	.06	.01			T		.24	.27	.66	.90				T		.30						T
IRVINGTON	3.37								.39	.17	.09	.06	T		.69		.35	.08	.69	.61				.24	T							
LEITCHFIELD 2 N	2.61								.38	.27	T		.21		.08			.45	.48	.74		T		T	T							
LIBERTY	2.46								.13	.57		.24	.16					.31	.11	.81	.02			.11								
LOUISVILLE	4.23								.37	.66	.06	T	T		1.21		.45	.14	.59	.75	T											
LOUISVILLE WB AP R	3.91							.22	.56	.16	.20	.04		.30	.48		.52	.06	.94	T			.12	T								.31
LOUISVILLE UPPER GAGE	3.59								.45	.30	.05	.05	.03		.37	.17		.44	.90	.60	.20	T										.03
MAMMOTH CAVE PARK	5.27							T	.59	1.37		.57	.19		T		.20	.27	.57	.86				.45	.20							
MILLERSTOWN	1.85								.54	.18		.05	.21		.05			.60	.22	T												
MUNFORDVILLE	4.99								.27	1.49		.38	.19		.02			.55	.04	1.91	.14				T							
NOLIN RIVER RESERVOIR	4.50								.77	.68	T	.31	.26					.68	.27	.94				.54		.05						
ROUGH RIVER DAM	2.20								.35	.22		.05	.05		T			.30	.68	.50				.05								
SCOTTSVILLE 3 SSW	7.39								.62	.14	.15		.24			.68	.78	.09	.66	3.36	.15			.52								
SCOTTSVILLE 2 SW	6.30								.10	.45		.10	.20		T	.60		.75	.15	2.50	1.25			.20								
SHEPHERDSVILLE	3.18								.50	.35		.06			.49	.09		.48	.34	.62	T			.25								
SUMMER SHADE	5.00								.10	.64	.45						.86	.01	.46	2.42				.06								
WOLF CREEK DAM	3.53								T	.79		.27	.20					.16	.26	1.15	.38			.32		T						
WOODBURY LOCK 4	2.53								.11	.18		.26	.24		T			.47	.43	.10	T			.72	.02							
• • • BLUE GRASS 03																																
BEREA COLLEGE	3.22								.30	.47	.11	.21			.31		T		.10	.61	.12			.99								
BEREA	3.18								.22	.49	T	.25	.08		.28			T	.02	.46	.31			1.07								
CARROLLTON LOCK 1	3.76								.90	.22	.09	.10			.72	T	T	.24	.46	.65	.35			.03								
COVINGTON WB AIRPORT R	2.05								.77	.24	.10	.04		T	.05		.08	.07	.64	.05			.01	T								
CYNTHIANA	2.84								.51	.26	.06	.16	.13		.52	.14		T	.09	.11	T			.86								
CYNTHIANA 2	2.61								.53	.21	T	.15			.74			T	T	.15				.83								
DANVILLE	2.63								.18	.96	T	.08	T		.35			.19	.17	.48	.02			.18	.02							
DIX DAM	3.30								.37	1.44			.17		.42			.10	.17	.30				.30	.03							
FALMOUTH 5 WNW	2.83								.44	.23	.19	.23	.09		.57			.04	.15	.78	.09			.02								
FARMERS 1 WNW	2.50								.12	1.40	.07	.05	.07		.26	.14			.18	.12	T			.09								T
FLEMINGSBURG	3.45								.49	.75	.08	.27	.07		.43	.10		T	.12	.14	.97			.03								
FLEMINGSBURG 1 SW	3.45								.60	.65	.36	.11			.47				.23	1.01			T	.02								
FORD LOCK 10	2.30								.24	.73	T	.12	.06		.45			T	.06	.36	.06			.22	T							
FRANKFORT LOCK 4	2.85								.45	.27	.15	.48	.07		.46	.03		.07	.19	.59	.06			.03								
GEORGETOWN WATER WORKS	3.25								.55	.81		.35			.43			.04	.19	.15				.57								.16
GEST LOCK 3	4.06								.48	.33	.18	.26	.04		1.02	.01		.15	.59	.91				.09	T							
HIGH BRIDGE LOCK 7	3.42								.41	1.28	.05	.16	T		.51	T		.11	.18	.23	.10			.39								
KEENE 1 SSW	4.76								.51	2.32	.23				.70	.30				.31	.16			.23								
LA GRANGE 1 ESE	3.73								.94	.30	.09	.02	T	T	1.25		.05	.20	.48	.40	T		T	T	T							T
LANCASTER	2.83								.22	.78			.42		.36					.47				.58								
LEXINGTON WB AIRPORT R	3.78								1.35	.08	.19	.09		.10	.26		.05	T	.12	.92			.62									
LITTLE HICKMAN LOCK 8	2.74								.26	.85		.06	.02		.50			.05	.10	.24	.44			.20	.02							
LOCKPORT LOCK 2	4.02								.65	.25	.25	.22	.02		1.12			.20	.33	.96				.02	T							
MAYSVILLE SEWAGE PLANT	3.25								.47	.69	.04	.08	.13		.34	.15		.06	.06	.13	.22			.25								.63
MIDWAY	3.32								.45	.33	.13	.15			.62	.03			.31	.29	.11			.90								
MOUNT STERLING	4.07								2.17	.05	.05	.14		.08	.40		.05	.06	.10	.27				.20								.50
OWENTON 2 S	3.98								.69	.28	.12	.05			.91			.17	1.42	.34												
RICHMOND	2.47								.14	.53	.03	.11	.03		.55			.01	.12	.39	.21			.32	.03							
SALVISA LOCK 6	6.93								.85	2.23	.18	.32	.14		.35	.04		.21	.26	.38	1.20			.77								
SHELBYVILLE	4.07								.88	.48	.18	.15	.04		.58	.09		.33	.36	.98				T								
SPRINGFIELD	4.20								.83	.82		.13	T		.33			.31	T	1.36	.07			.35								
TAYLORSVILLE	3.45								.50	.36	.03	.18	.04		.45	.02		.42	.30	1.03				.12								
TYRONE LOCK 5	3.97								.54	.65	.02	.25	.05		.40	.06		.13	.16	.51	T			1.17	.03							
VALLEY VIEW LOCK 9	3.10								.43	1.12	.02	.09	.02		.36	T		.03	.06	.34	.19			.41	.03							
WARSAW MARKLAND DAM	4.15								1.04	.24	.05	.38	.20		.52			.16	.85	.16	.18			.04								.33

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	2.52								.20	T	.30	.25	.12		.12				.33	.85				.35	T							
WILLIAMSTOWN 3 NW	3.12							T	.42	.49	.11	.01			.72			.07	1.24	.04			.02								T	T
* * * EASTERN 04																																
ASHLAND	2.63							T	.11	.93	.19	.21	.12	.01	.21	.17			.10	.33	.22			.03								
BARBOURVILLE	3.83								.22	1.70	.01	.60	.20			.14			.17	.30	.28	T		.20	.01							
BAXTER	3.29						T		.21	1.15	.02	.50	.22	T		.47			.17	.36	T	T		.19	T							
BLAINE	1.62									.35	.09	.11	.07		.26				.22	*	.52											
BUCKHORN	3.23								T	.55	.55	.30	.07		T	T		T	.10	.37	.12	T		1.17	T	T						
BURDINE 2 NE	2.25									.70			.60		.20	.35				.10	.15			.15								
CLAY CITY 1 WNW	3.67								.98	.50	.02	.10	.05		.40				T	.37	1.00			.25	T							
COLLEGE HILL LOCK 11	2.85								.12	.21	T	.10	T		.46			T	.09	.44	1.21			.19	.03							
CUMBERLAND	3.27					.02	.02	T	.39	1.10	.51	.16	.16		.17		T		.08	T	.03			.63								
CUMBERLAND FALLS ST PK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEWEY DAM	2.90									.95	.08	.40	.10		.80	.15			T	.35	.07			T	T							
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FREEBURN 2 SW	2.50									1.20	.20	.45			.06	.34				.06	.19											
FRENCHBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAYSON 5 SE	1.89							T	.13	.39	.08	.19	.03		.21	.17			.14	.28	.27											T
HAZARD WATER WORKS	4.00								.10	1.45	.05	.37	.17			.48			.03	.40	.09			.86								
HEIDELBERG LOCK 14 R	2.02								.14	.57	.04	.20	.06		.26				.05	.35	.03			.32	T							
HINDMAN 11 NNE	2.69								.15	.91	.05	.49			.10				.11	.30	.48			.10								
HYDEN	3.57								.24	1.16		.61	.11			.24		T	.05	.21	.18			.77	T							
JACKSON	1.64								T	.49	.04	.28	.08		.14	T			.03	.26	.04			.28								
JEREMIAH	2.64						T		.39	.49		.60	.07		T	.31	T	T	.22	.03	T			.53								
LLOYD GREENUP DAM	3.21								.04	1.15	.13	.33	.01		.02	.15			.02	.25	.60	T		.27	T							.24
LONDON FAA AP	2.07								.37	.17	.50	.01	.09		.31		T		.59	.02			.01									
LOUISA 2	1.78									.41	.11	.11	.07		.38	.04			.04	.48	.04		T									.10
MANCHESTER 4 SE	3.99								.13	2.23		.59	.12						.08	.32	.29			.23								
MARTIN	3.55									1.31		.61	.75		T	.23				.39	.26											
MC KEE	3.65								.17	.75		.38	.12		.12	T			.12	1.55	T			.44	T							
MIDDLESBORO	2.04								.18	.43	T	.45	.14	T			T		.13	.53	.09			.09	T							
MONTICELLO	3.53								.10	1.00	.01	.36	.21			T		.08	.15	.97	.46			.19		T						
MOUNT VERNON	2.39								.20	.21	.16	.22	.10		.05		.06	T	.23	.63	.07			.46	T							
ONEIDA	2.67									.70		.48	.10							.42	.54			.36	.07							
PAINTSVILLE 1 S	2.03									.56	.05	.30	.15		.40	.03			.15	.39												
PIKEVILLE	2.50								.53	.71	.20	.31			.19	.02			.37	.15	.02											
PINEVILLE 4 NW	2.49								.14	.72		.56	.24			.04			.21	.29	.08			.18		.03						
RAVENNA LOCK 12	2.28								.21	.37	.01	.18	.05		.73				T	.37	.22			.12	.02							
SALYERSVILLE 2 SE	2.00									.54			.05		.73	.09			.09	.46				.04								
SOMERSET 2 N	4.61								.18	.22	.47	.48	.68		.48		.05	.01	.39	1.12				.53								
STEARNS	3.17									.10	.70	.55	.20			.06			.12	.96	.16			.32	T							
TILFORD	2.85													1.52										1.33								
TOMAHAWK 1 WSW	2.70									.80	.35	.22	.40		.45	.05			.10	.28	.05					T						
VANCEBURG	1.91								.50	.50					.35				.08	.37	.02	T		.08							.01	
WEST LIBERTY	2.46								.15	.55	.18	.15	.09	T	.32	T		T	T	.59	.39			.04		T						T
WILLIAMSBURG 1 E	3.31								.08	1.20		.55	.11			.14			.21	.42	.42			.18								
WILLOW LOCK 13	2.36								.14	.45		.18	.15		.39				.03	.77	.09			.16								

EXTREMES

HIGHEST TEMPERATURE OWENSBORO 2 W	95	DATE	30
LOWEST TEMPERATURE 2 STATIONS	29	DATE	01
GREATEST TOTAL PRECIPITATION SCOTTSVILLE 3 SSW	7.39		
LEAST TOTAL PRECIPITATION BLAINE	1.62		
GREATEST 1 DAY PRECIPITATION SCOTTSVILLE 3 SSW	3.36	DATE	19

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	78	82	81	81	86	84	82	78	70	71	67	73	82	83	86	85	70	77	67	81	84	87	79	75	80	85	85	89	91	90	91	80.6
	MIN	42	47	52	50	53	53	55	65	47	45	36	45	42	52	56	56	61	65	58	61	61	60	59	59	59	50	49	52	60	61	66	54.1
BEAVER DAM	MAX	78	82	80	84	88	85	86	83	79	72	63	70	80	83	85	83	79	80	73	80	80	87	85	70	78	82	82	86	90	91	90	81.1
	MIN	38	43	48	48	52	53	61	67	48	42	37	40	39	55	54	54	60	64	62	61	59	59	60	56	62	52	52	51	57	59	63	53.4
FORDS FERRY DAM 50	MAX	77	82	82	82	88	84	85	78	64	70	62	70	81	78	85	69	76	79	65	78	79	84	67	70	77	82	83	88	87	90	91	78.5
	MIN	44	51	52	53	56	56	59	53	48	41	41	44	47	59	59	58	62	61	58	59	61	61	58	58	58	55	59	54	54	64	65	55.1
GILBERTSVILLE 1 SE	MAX	79	82	81	82	87	85	84	78	71	72	63	73	83	85	86	84	75	81	67	80	82	89	79	74	79	85	85	88	93	90	92	81.1
	MIN	47	51	53	53	57	57	59	65	47	47	39	45	47	56	60	60	64	65	59	60	62	62	58	59	59	52	61	54	63	62	62	56.3
GOLDEN POND 8 N	MAX	67	76	82	80	85	86	84	82	78	66	72	66	72	80	83	85	69	76	80	70	80	81	88	75	74	78	83	82	88	89	89	78.9
	MIN	42	51	52	54	57	57	60	67	48	47	41	45	47	56	58	60	63	65	60	60	61	62	59	59	60	56	62	62	63	65	66	56.9
GREENVILLE 2 W	MAX	76	80	79	81	86	84	82	80	77	70	62	69	78	82	84	82	78	79	79	80	80	87	80	71	76	83	83	87	90	90	88	80.1
	MIN	38	44	52	50	52	53	59	74	52	43	36	41	40	54	56	54	60	63	60	60	58	58	58	58	61	50	54	50	59	60	64	53.9
HENDERSON 7 SSW	MAX	75	81	80	82	87	84	84	76	65	68	63	70	79	77	84	77	78	80	68	79	78	84	71	71	78	82	82	89	91	91	90	78.8
	MIN	42	52	56	52	56	59	60	64	47	48	40	42	46	59	58	58	61	64	59	58	59	63	58	55	58	56	58	54	59	62	66	55.8
HICKMAN 1 E	MAX	77	80	79	80	84	82	81	77	74	72	67	72	80	82	84	80	70	76	77	78	82	84	87	76	78	82	85	88	92	92	90	80.3
	MIN	40	48	48	50	53	55	55	64	47	44	39	45	45	52	56	56	60	63	57	59	60	60	58	59	58	50	54	52	61	63	64	54.0
HOPKINSVILLE	MAX	69	78	83	81	83	88	88	84	79	60	73	67	73	80	87	86	67	78	82	74	83	81	89	78	75	80	85	84	90	93	93	80.4
	MIN	37	48	50	51	54	55	55	59	47	47	37	38	45	45	56	59	60	63	62	60	61	60	59	59	60	56	56	57	59	62	64	54.2
LOVELACEVILLE	MAX	79	82	82	81	89	83	84	76	67	71	67	74	83	83	85	80	71	76	67	81	83	86	77	75	80	84	84	90	91	90	91	80.4
	MIN	44	46	50	50	55	53	56	65	47	47	36	46	41	55	57	55	62	65	58	60	60	60	59	59	59	51	57	51	60	60	63	54.4
MADISONVILLE 1 SE	MAX	77	82	80	82	87	85	83	81	74	71	64	69	79	82	85	82	78	80	78	80	81	87	81	71	78	83	83	89	91	91	89	80.7
	MIN	40	46	53	50	54	53	54	67	48	46	40	42	42	54	55	54	61	64	60	60	60	60	59	58	61	53	54	51	60	62	64	54.4
MAYFIELD RADIO WNGO	MAX	81	85	84	83	90	87	85	88	78	69	68	75	85	88	88	88	75	82	70	85	85	90	83	77	81	85	86				93	82.6
	MIN	40	46	50	51	48	52	55	65	46	49	37	45	42	51	56	55	57	64	60	59	59	58	59	56	59	50	54				64	53.1
MURRAY	MAX	67	78	81	79	80	85	83	81	76	65	73	66	70	80	84	83	69	73	77	69	78	80	86	77	74	76	82	82	87	89	88	78.0
	MIN	43	51	51	55	56	56	59	65	48	47	40	47	47	55	57	58	62	65	59	59	60	62	59	59	61	55	57	56	63	65	67	56.3
OWENSBORO 2 W	MAX	78	81	81	85	90	85	85	80	67	69	63	70	80	79	88	81	77	82	68	80	83	84	72	73	80	85	83	90	93	95	91	80.6
	MIN	42	46	50	51	57	54	59	65	48	45	39	38	43	48	58	57	61	63	59	58	58	60	58	57	59	54	56	53	59	61	65	54.2
PADUCAH FAA AIRPORT	MAX	77	80	78	78	85	82	82	76	65	72	65	71	80	82	84	68	70	76	66	80	80	84	74	72	78	83	84	88	90	88	91	78.4
	MIN	45	52	59	52	58	58	58	51	48	43	40	47	45	56	60	57	63	60	59	61	61	62	59	58	58	54	58	54	67	63	67	55.9
PADUCAH	MAX	76	81	81	81	85	84	82	83	74	74	66	70	81	82	85	84	72	79	71	81	80	86	81	74	79	83	84	87	91	91	91	80.6
	MIN	45	48	51	52	55	55	58	65	48	48	40	45	43	56	58	58	62	65	57	61	60	62	58	56	58	52	56	53	61	62	64	55.2
PRINCETON 1 SE	MAX	78	81	81	81	88	87	83	81	75	70	65	70	81	85	85	85	77	80	80	81	80	87	84	71	78	83	82	89	90	91	90	81.3
	MIN	39	51	51	51	55	55	58	67	47	47	39	45	44	44	58	60	62	64	59	60	59	59	58	57	60	52	51	52	61	61	66	54.6
ROCHESTER LOCK 3	MAX	65	77	80	80	83	87	83	83	76	69	69	62	69	77	84	84	67	72	77	73	80	79	85	72	71	78	81	82	87	90	90	77.8
	MIN	39	39	47	49	49	53	53	59	48	46	41	44	41	46	54	55	60	64	61	62	58	59	60	59	59	53	55	52	57	61	62	53.1
RUSSELLVILLE	MAX	66	75	79	78	82	85	83	84	77	65	71	64	69	79	85	84	67	75	78	77	80	80	86	75	72	78	83	83	87	89	91	78.3
	MIN	37	41	53	50	54	54	56	60	48	47	39	45	46	53	53	61	61	65	61	55	57	58	60	58	61	50	53	54	58	61	64	54.0
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX																																
	MIN																																
BARDSTOWN NAZARETH COL	MAX	71	79	80	81	85	84	83	82	70	64	59	65	77	75	79	78	76	74	78	75	75	83	81	72	74	75	78	84	85	88	87	77.3
	MIN	35	46	55	51	53	54	60	64	54	41	43	44	44	56	49	51	59	62	60	59	55	64	59	58	59	53	47	51	58	61	61	53.7
BARREN RIVER RESERVOIR	MAX	63	77	80	81	85	86	86	87	77	66	70	62	69	79	84	83	67	76	78	81	80	80	87	77	71	79	80	82	88	90	93	78.8
	MIN	33	44	49	48	49	54	55	59	48	44	37	40	45	49	54	57	62	64	62	57	60	57	58	58	60	50	51	52	57	58	60	52.6
BOWLING GREEN FAA AP	MAX	75	80	82	84	87	86	86	75	65	71	65	70	79	85	84	65	77	77	80	82	81	88	76	70	78	82	82	89	92	93	90	79.9
	MIN	42	45	50	49	55	55	55	60	46	44	39	43	42	57	56	56	59	64	61	57	60	58	62	59	58	53	56	54	61	61	63	54.2
BRADFORDSVILLE	MAX	68	75	80	82	84	89	86	83	74	68	69	68	70	76	83	85	71	79	73	84	78	81	85	73	73	76	76	87	87	88	90	78.7
	MIN	30	38	45	46	48	49	53	54	48	37	40	43	36	56	52	51	57	62	61	60	55	54	60	59	61	48	43	47	56	56	59	50.5
CAMPBELLSVILLE 2 SSW	MAX	75	80	80	80	88	86	86	83	72	70	68	67	78	83	83	82	77	77	79	79	85	85	87	69	76	77	80	85	87	90	90	80.1
	MIN	38	45	50	58	56	54	58	64	50	46	40	43	40	55	54	54	60	63	61	57	58	58	60	54	60	52	44	53	57	68	64	54.0
CECILIA	MAX	74	81	81	85	87	87	86	76	72	67	61	66	77	78	84	83	78	73	78	77	80	85	80	74	77	79	79	87	89	91	92	79.5
	MIN	37	42	48	48	53	53	58	65	47	50	40	39	39	56	55	55	60	62	60	62	59	57	60	57	61	52	51	57	57	59	61	53.5
CLERMONT 1 SSE	MAX	73	81	83	84	88	88	85	85	76	68	62	68	77	77	84	84	77	78	78	79	76	87	84	75	78	80	81	88	89	92	89	80.5
	MIN	36	40	48	47	49	51	55	64	47	37	38	37	38	51	53	52	63	69	58	54	56	55	58	58	57	50	49	48	54	57	58	51.2
GLASGOW WKAY	MAX	75	81	81	84	86	85	86	77	73	70	63	68	78	84	81	81	76	77	81	79	79	86	78	70	77	79	82	86	88	90	90	79.7
	MIN	40	44	48	49	54	54	56	60	47	40	38	43	40	56	54	56	62	63	61	57	57	57	63	58	60	52	51	53	53	60	61	53.1
GREENSBURG	MAX	74	78	82	83	88	89	88	88	75	66	70	70	68	80	85	86	73	78	75	81	80	82	87	75	70	80	82	88	88	90	91	80.3
	MIN	40	42	48	50	51	54	56	60	49	39	42	42	39	44	53	56	56	64	61	57	57	57	60	60	62	51	48	52	56	60	61	52.5
HODGENVILLE-LINCOLN NP	MAX	73	81	83	84			86	85	75	70	64			83	83	84	77	79	79	79	77	84	84	73	76	79	79	85	88	90	90	80.4
	MIN	35	46	53	50	54			64	46	39	40	40			54	55	60	63	61	58	58	57	60	53	60	51	50	51	53	59	63	53.1
IRVINGTON	MAX	73	81	81	83	86	86	84	82	74	65	65	67	78	77	82	83	77	76	75	77	78	85	79	78	77	80	79	86	88	88	89	79.3
	MIN	38	40	47	48	53	54	59	66	47	37	40	36	38	58	54	54	61	63	62	60	57	57	57	58	59	52	51	53	55	58	62	52.7
LEITCHFIELD 2 N	MAX	75	80	78	83	86	85	84	75	68	65	57	69	76	83	87	83	75	76	76	79	79	86	82	75	76	78	81	88	91	91	90	79.3
	MIN	37	43	49	43	52	54	54	66	48	40	40	39	39	56	53	53	62	55	62	62	57	57	61	56	56	52	48	51	56	57	62	52.3
LOUISVILLE	MAX	74	83	84	84	88	89	88	90	77	67	66	68	80	80	85	85	80	77	76	77	75	81	80	69	77	78	82	87	92	93	93	80.8
	MIN	44	52	57	58	62	62	67	65	49	45	44	44	47	57	59	62	61	63	63	65	57	60	57	59	59	59	57	62	58	68	67	57.7
LOUISVILLE WB AP	MAX	73	81	81	83	86	86	86	77	64	66	61	68	77	74	81	74	78	74	74	77	73	82	65	70	77	77	80	85	87	89	86	77.2
	MIN	42	46	53	53	55	57	61	61	46	40	44	42	41	59	56	59	60	64	63	62	57	60	59	59	59	58	53	59	58	62	64	55.2
MAMMOTH CAVE PARK	MAX	77	80	79	83	85	85	84	81	74	69	61	67	78	82	83	82	76	74	78	78	78	85	84	70	76	80	80	85	87	89	89	79.3
	MIN	36	43	49	46	50	53	55	63	47	37	33	41	42	55	52	52	59	63	61	55	58	55	60	57	60	50	47	50	57	59	60	51.8

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DAILY TEMPERATURES

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Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	63	76	81	82	84	88	85	85	76	64	68	63	69	78	84	85	69	76	75	77	79	80	87	73	74	77	82	82	87	90	92	78.4
	MIN	37	40	43	44	48	53	53	52	49	40	39	41	38	43	53	54	52	64	61	59	53	55	55	55	56	54	49	49	52	57	59	50.2
ROUGH RIVER DAM	MAX	65	72	82	81	85	88	84	85	76	63	69	63	68	78	82	87	68	78	78	74	80	81	85	70	74	79	82	84	88	90	92	78.4
	MIN	39	41	47	49	53	54	58	60	48	41	40	41	41	47	56	56	61	64	63	61	57	59	60	56	58	52	52	52	56	59	62	53.0
SCOTTSVILLE 3 SSW	MAX	75	80	79	82	85	84	81	77	72	71	63	68	78	83	80	79	72	74	77	77	78	86	83	70	75	79	80	85	88	89	88	78.6
	MIN	44	53	55	55	58	59	61	62	46	45	40	45	48	57	58	60	61	64	61	56	59	59	62	60	62	55	55	56	64	65	66	56.5
SUMMER SHADE	MAX	76	79	80	84	85	84	85	74	65	70	62	65	77	82	83	81	75	74	77	76	79	85	75	72	75	80	83	84	86	88	88	78.4
	MIN	40	46	49	50	53	53	56	54	48	39	37	40	41	55	63	53	57	63	61	57	59	57	63	59	62	50	48	55	59	59	61	53.1
WOLF CREEK DAM	MAX	65	75	81	81	85	88	86	88	75	65	71	63	68	79	83	86	73	75	74	80	80	82	87	78	73	78	82	84	86	88	90	79.0
	MIN	34	40	44	45	49	48	52	58	50	35	38	45	36	45	52	52	51	57	57	62	49	52	59	57	59	50	44	48	55	57	57	49.6
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	72	79	81	83	88	85	86	81	70	68	65	67	76	77	83	77	79	77	79	78	78	84	80	71	76	79	80	85	87	89	90	79.0
	MIN	39	48	55	53	56	60	61	63	47	42	40	44	44	55	54	62	61	63	61	61	56	55	61	59	60	52	47	52	59	60	61	54.5
CARROLLTON LOCK 1	MAX	70	80	82	80	85	86	85	85	75	65	62	66	73	72	81	81	77	75	73	76	74	79	79	70	76	76	79	86	88	88	89	77.8
	MIN	35	40	49	48	52	52	58	65	47	43	41	40	40	56	55	54	60	62	62	62	55	57	55	56	51	55	47	57	54	60	62	52.6
COVINGTON WB AIRPORT	MAX	71	81	81	84	87	88	87	77	61	63	56	65	72	71	80	81	78	70	73	77	73	74	68	68	78	72	80	86	90	88	91	76.5
	MIN	38	48	51	52	58	59	61	59	43	41	39	40	41	56	52	60	64	63	61	59	56	58	54	55	50	53	51	55	58	61	62	53.5
CYNTHIANA 2	MAX	63	73	81	81	85	88	87	88	75	62	65	58	67	75	73	82	80	79	72		79	77	80	70	78	75	82	82	90		90	77.1
	MIN	35	38	46	43	45	54	53	64	47	40	39	39	37	46	54	53	60	62	61	56	56	54	58	58	52	43	50	52	57		58	50.3
DANVILLE	MAX	61	73	80	81	84	87	85	85	74	63	68	59	67	76	77	83	71	78	71	79	78	77	84	70	72	77	75	80	86	87	89	76.7
	MIN	38	38	51	52	54	55	58	60	47	41	41	41	42	45	54	54	57	57	59	59	56	56	58	59	59	53	47	47	55	59	62	52.1
DIX DAM	MAX	70	79	81	84	87	87	86	86	67	67	57	65	75	75	81	81	77	78	78			82	81	69	74	75	78	83	86	86	89	78.1
	MIN	37	43	53	51	52	57	57	63	46	39	40	40	42	55	56	56	56	61	61			56	59	59	60	53	48	52	58	59	63	52.8
FALMOUTH 5 WNW	MAX	72	80	82	86	88	87	87	82	69	65	63	67	74	72	82	81	78	79	78	77	77	79	75	70	78	78	81	88	89	90	90	78.8
	MIN	30	36	44	42	47	50	52	64	45	36	38	34	34	55	50	52	58	61	61	56	52	52	55	55	45	52	39	46	55	55	56	48.6
FARMERS 1 WNW	MAX	75	79	81	84	88	85	86	82	71	67	57	65	73	74	83	80	79	71	80	78	82	82	76	69	76	76	80	86	86	89	90	78.4
	MIN	32	38	46	46	49	51	53	62	49	38	47	36	38	55	54	52	54	62	60	58	60	50	59	57	59	51	48	46	52	56	59	50.9
FLEMINGSBURG 1 SW	MAX	71	78	80	83	86	85	85	82	71	64	55	64	70	71	81	81	77	70	75	75	74	78	73	68	75	75	79	85	88	88	88	76.6
	MIN	37	42	49	48	57	60	55	63	43	36	38	36	39	55	52	56	58	61	61	60	55	53	57	57	52	54	48	49	54	58	59	51.7
FRANKFORT LOCK 4	MAX	62	72	81	82	83	86	86	87	75	62	67	58	67	75	71	81	76	77	71	78	79	74	83	68	69	79	76	80	88	90	91	76.6
	MIN	35	37	43	48	50	52	54	57	47	39	41	40	40	42	53	54	56	61	61	60	57	55	58	56	56	56	45	51	54	57	60	50.8
LEXINGTON WB AIRPORT	MAX	71	80	81	83	86	85	86	73	60	67	55	65	73	72	81	78	77	72	77	76	74	82	68	69	75	73	79	84	87	88	89	76.3
	MIN	38	48	54	53	56	59	63	60	42	40	41	40	43	58	56	60	59	63	62	60	57	56	58	59	60	55	49	56	61	63	63	54.6
MAYSVILLE SEWAGE PLANT	MAX	63	74	82	83	85	88	88	87	77	63	67	57	67	73	73	83	82	80	72	76	78	77	78	70	72	79	74	82	87	90	90	77.3
	MIN	35	35	40	47	48	50	53	54	49	40	41	39	40	42	51	51	54	57	62	60	56	53	54	56	52	52	44	45	50	55	58	49.1
MOUNT STERLING	MAX	72	80	81	84	87	87	88	87	72	67	58	67	74	74	82	81	78	78	79	78	77	80	80	68	75	75	79	85	83	90	88	78.5
	MIN	37	43	53	51	56	53	58	63	47	39	40	40	43	55	54	56	56	61	60	60	56	54	58	59	59	54	42	52	58	63	61	52.9
OWENTON 2 S	MAX	74	80	82	84	87	86	87	85	69	67	62	65	74	73	82	82	78	78	78	77	82	86	86	69	78	81	82	87	92	91	90	79.8
	MIN	33	38	45	45	52	52	53	64	47	36	35	33	45	55	55	52	58	62	61	57	55	54	55	56	47	53	46	49	50	57	59	50.3
RICHMOND	MAX	60	71	79	82	84	86	85	87	74	65	70	60	68	75	72	81	76	79	72	80	78	76	83	70	71	77	74	79	89	87	90	76.8
	MIN	40	45	53	50	57	58	59	63	46	39	39	40	42	50	55	59	57	61	60	59	56	55	58	59	59	52	50	55	56	60	63	53.4
SHELBYVILLE	MAX	62	71	80	80	83	86	83	84	73	60	64	59	66	74	71	81	74	76	69	78	76	73	84	68	70	75	75	79	85	87	89	75.3
	MIN	39	42	51	53	53	59	59	60	46	39	40	39	41	45	55	56	60	61	61	61	56	56	57	55	56	56	49	52	56	57	62	52.6
WARSAW MARKLAND DAM	MAX	60	72	81	90	83	87	86	86	76	63	64	56	64	74	70	81	82	79	73	74	77	73	79	70	70	79	73	80	87	88	90	76.4
	MIN	36	35	39	47	47	50	52	59	48	37	42	38	38	40	57	54	54	61	62	58	57	56	56	55	50	51	45	45	53	53	58	49.5
WAYNESBURG 7 NE	MAX	71	79	80	82	85	82	85	80	67	67	57	64	75	78	82	80	78	68	77	77	76	83	76	70	74	74	79	84	86	88	88	77.2
	MIN	38	48	51	52	58	57	58	63	47	38	37	43	39	54	55	56	56	59	59	59	56	55	60	58	59	56	49	53	57	55	59	53.0
WILLIAMSTOWN 3 NW	MAX	70	80	80	83	85	85	85	82	70	63	57	65	73	69	80	79	77	74	77	76	72	80	75	70	77	74	79	86	88	89	88	77.0
	MIN	40	49	56	54	61	62	62	58	45	40	38	39	46	55	53	60	60	61	61	58	54	56	54	56	52	53	50	58	60	64	63	54.1
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	59	73	82	84	86	87	88	88	77	64	68	58	65	75	71	83	84	79	71	80	79	76	78	72	69	77	75	80	86	90	91	77.3
	MIN	32	34	36	46	49	49	50	53	59	36	39	37	38	44	49	49	52	60	58	59	54	48	52	56	51	51	42	43	47	53	56	47.8
BARBOURVILLE	MAX	65	78	82	82	80	87	87	88	73	71	71	61	68	77	80	85	79	80	70	79	80	82	87	78	75	75	79	84	85	87	89	78.8
	MIN	33	33	41	46	47	50	50	54	54	35	35	41	36	36	51	52	60	61	62	61	54	53	53	61	61	52	47	48	49	55	57	49.3
BAXTER	MAX	65	76	80	83	84	86	86	88	71	63	69	58	65	75	80	84	76	80	69	77	80	84	84	75	76	75	79	84	85	87	89	77.8
	MIN	32	34	39	46	46	48	49	49	57	37	37	37	37	37	48	52	54	53	59	59	54	52	53	58	61	53	46	46	46	52	56	48.0
BLAINE	MAX	60	74	82	84	88	89	89	90	75	65	70	58	76	74	76	84	82	80	70	81	80	78	83	74	70	78	77	81	87	90	91	78.6
	MIN	31	31	36	43	48	46	46	49	58	33	34	33	35	36	50	49	48	52	56	58	52	48	49	58	52	48	40	40	42	49	54	45.3
CUMBERLAND	MAX	76	80	81	85	86	88	88	75	70	69	56	65	75	78	83	75	80	72	80	80	88	83	72	77	74	78	82	85	88	90	91	79.0
	MIN	29	37	43	42	45	44	46	54	49	35	33	40	33	46	51	51	57	62	56	56	52	49	59	58	60	50	42	42	48	49	54	47.5
DEWEY DAM	MAX	62	77	83	85	88	89	90	91	77	65	70	59	68	78	76	87	83	81	71	80	81	81	84	75	71	78	79	84	87	90	91	79.4
	MIN	33	33	37	45	47	48	49	53	60	37	39	39	37	38	54	51	50	54	58	58	53	51	52	61	60	50	43	42	49	54	60	48.2
GRAYSON 5 SE	MAX	60	74	82	85	88	88	89	89	76	63	68	56	64	74	72	83	83	81	70	80	80	76	78	72	68	79	76	81	87	92	93	77.6
	MIN	30	31	37	45	48	49	50	52	55	35	38	34	35	37	48	50	51	58	57	58	52	48	50	57	54	52	41	42	46	51	56	46.7
HEIDELBERG LOCK 14	MAX	74	80	81	84	88	88	86	86	73	70	69	64	74	76	83	82	79	79	77	78	79	84	84	72	76	76	81	86	86	90	89	79.8
	MIN	33	38	45	46	48	50	55	61	50	35	42	41	35	56	51	50	51	60	60	60	55	51	60	59	60	51	41	47	50	54	58	50.1
HINDMAN 11 NNE	MAX	60	75	83	84	86	88	90	91	77	67	72	54	65	78	75	85	81	83	77	81	81	80	85	75	73	76	74	81	85	88	90	78.7
	MIN	31	31	36	44	46	47	50	56	53	37	39	40	42	37	48	47	47	53	55	57	52	49	59	60	59	49	41	43	49	52	53	47.2
HYDEN	MAX	64	78	81	83	86	88	88	89	76	64	71	60	67	78	81	85	78	82	72	78	80	82	85	73	75	76	76	83	86	88	90	78.8
	MIN	35	35	37	44	47	47	49	51	54	36	36	40	36	36	52	51	51	55	57	56	57	54	54	60	60	53	49	47	47	54	56	48.3
JACKSON	MAX	61	75	81	82	84	87	88	89	75	63	70	58	66	76	74	84	79	80	70	75	79	78	85									76.5
	MIN	34	34	41	47	48	50	53	56	53	32	33	41	37	38	50	51	51	53	61	63	55	52	54									47.3

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Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LONDON FAA AP	MAX	73	78	80	83	86	85	86	71	61	70	58	64	75	76	82	72	77	69	74	77	79	84	72	71	74	77	81	84	86	88	89	76.8
	MIN	37	42	47	47	52	51	56	61	40	37	37	43	36	55	53	61	54	62	61	58	56	53	59	58	54	49	47	49	53	56	58	51.0
MANCHESTER 4 SE	MAX	75	79	82	84	86	85	87	86	72	71	59	65	75	80	83	82	80	77	78	78	79	84	82	74	75	74	80	83	86	88	89	79.3
	MIN	32	43	44	45	47	47	52	59	50	34	37	44	34	47	50	52	51	59	58	60	54	52	58	59	61	50	44	45	53	54	60	49.5
MC KEE	MAX	62	74	80	82	84	87	86	87	72	63	69	56	66	72	79	84	75	80	70	78	78	78	84	71	71	74	74	87	85	84	90	76.8
	MIN	29	30	37	42	44	47	50	55	46	32	36	40	34	36	48	48	49	50	59	60	50	49	50	58	59	48	39	40	44	50	54	45.6
MIDDLESBORO	MAX	66	77	79	80	84	85	84	85	73	64	70	59	67	74	79	82	74	77	69	77	79	83	85	75	76	75	79	83	84	86	88	77.4
	MIN	32	34	41	45	48	48	48	50	57	36	36	38	36	38	48	50	55	51	60	61	53	52	53	60	60	53	46	47	47	55	56	48.2
MONTICELLO	MAX	75	80	80	83	85	86	86	80	70	70	61	67	79	82	85	81	77	74	78	78	81	86	80	75	76	81	84	85	87	89	90	79.7
	MIN	34	45	48	48	52	53	59	65	49	36	37	39	40	54	52	56	59	63	61	63	53	55	61	59	62	48	45	52	55	58	59	52.3
MOUNT VERNON	MAX	74	80	81	83	86	84	85	84	70	69	56	66	76	81	83	83	78	77	78	78	79	84	84	71	74	76	82	85	86	88	89	79.0
	MIN	36	44	51	48	52	56	56	64	48	40	39	43	38	55	53	57	59	61	60	60	53	54	62	59	60	49	47	49	59	57	60	52.5
PIKEVILLE	MAX	79	86	87	90	92	91	93	80	69	69	62	68	79	77	88	83	84	77	83	83	83	86	78	74	78	78	85	89	91	93	93	82.2
	MIN	36	40	46	53	50	51	54	59	59	39	45	41	38	54	54	53	56	62	58	62	56	55	63	62	61	54	48	48	54	58	61	52.6
SOMERSET 2 N	MAX	74	78	80	82	85	85	84	81	71	69	60	66	77	82	82	79	77	72	78	78	78	85	81	72	76	77	81	86	87	89	89	78.7
	MIN	41	44	41	41	51	51	52	65	41	40	39	43	39	57	47	52	56	59	56	57	57	52	57	57	58	42	51	46	56	57	60	50.5
STEARNS	MAX	63	77	78	81	83	85	87	87	74	71	69	68	65	77	78	82	73	77	76	77	76	80	84	75	78	73	78	77	83	85	89	77.6
	MIN	35	39	48	52	56	54	56	59	45	38	38	43	38	36	57	56	53	52	57	60	54	56	58	61	55	53	49	50	51	54	55	50.6
TOMAHAWK 1 WSW	MAX	60	74	82	84	85	87	87	89	77	64	70	56	66	75	74	84	81	81	70	79	79	77	81	74	69	76	75	81	85	88	90	77.4
	MIN	30	30	34	43	47	46	46	49	57	35	39	36	33	33	51	47	48	49	51	54	51	47	47	60	57	48	38	40	42	47	55	44.8
VANCEBURG	MAX	74	82	80	82	89	89	87	89	73	60	53	67	73	73	83	85	80	69	81	78	78	76	78	80	83	75	81	86	90	91	86	79.1
	MIN	30	34	42	48	42	47	47	57	55	40	36	32	32	51	45	47	50	51	52	58	49	45	57	52	58	49	38	44	53	52	54	46.7
WEST LIBERTY	MAX	64	75	82	83	88	89	88	88	75	62	69	57	62	76	78	85	83	82	70	81	80	79	84	72	69	77	80	83	87	88	90	78.3
	MIN	32	32	38	45	50	50	52	53	51	36	36	36	36	41	50	51	51	58	59	60	53	50	53	58	58	50	41	41	49	53	58	47.8
WILLIAMSBURG 1 E	MAX	79	81	80	84	89	85	87	85	70	75	60	63	81	79	80	81	78	75	75	80	82	87	84	75	76	80	84	84	88	88	88	80.1
	MIN	34	42	46	46	51	51	54	59	48	41	45	43	36	47	55	56	55	61	61	61	53	54	60	61	62	52	46	50	56	57	59	51.7

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	21	2.2	7.9	32++	26	10	82	83	57	61	2	6	2	2	0	0	12	-	6.0
LEXINGTON WB AIRPORT	20	2.0	7.9	25++	29	10	74	76	52	58	1	3	4	2	1	0	11	-	5.4
LOUISVILLE WB AIRPORT	21	1.3	6.9	38	W	10	82	87	55	59	2	2	7	3	0	0	14	66	5.6

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN NAZARETH COL	4	MAX	62	65	67	68	70	71	70	71	68	63	59	59	62	65	69	70	68	68	70	72	72	73	73	69	73	73	73	74	76	77	77	69.3
		MIN	54	57	60	62	63	65	66	67	63	58	55	55	56	61	63	65	63	66	65	67	66	66	69	66	68	67	66	67	67	71	72	63.7
	20	5PM	56	57	58	59	60	60	61	62	62	61	60	60	59	59	60	61	61	62	63	63	64	64	65	65	65	65	65	66	66	67	68	62.1
BEREA COLLEGE	4	MAX	60	62	65	65	66	67	68	69	66	65	62	61	63	67	70	70	66	67	68	70	71	72	74	72	70	70	70	71	73	74	73	68.0
		MIN	55	57	60	62	62	64	65	66	64	61	59	58	58	62	65	66	65	66	66	67	68	68	72	68	68	67	66	68	69	70	70	64.6
	20	5PM	56	56	56	57	58	59	60	60	60	60	60	59	60	60	60	61	61	62	62	62	63	63	64	65	65	64	65	65	65	65	65	61.2
CAMPBELLSVILLE 2 SSW	4	MAX	63	65	65	67	68	68	69	65	64	64	61	62	65	66	70	64	70	69	68	70	70	71	70	76	71	71	71	72	68	75	75	68.2
		MIN	53	56	58	54	58	57	61	63	62	61	52	55	56	61	62	63	64	62	64	65	65	65	66	65	67	64	65	64	65	67	70	61.6
	20	6PM	55	56	57	57	57	57	60	60	60	60	58	58	57	58	60	60	60	60	61	62	62	63	63	64	64	64	65	64	64	65	66	60.5
CUMBERLAND GAP PARK	4	MAX	60	62	63	64	65	70	69	68	65	64	64	61	62	63	65	65	65	65	65	68	70	70	71	68	69	70	71	72	73	74	75	67.0
		MIN	55	57	56	59	60	60	62	64	64	59	58	57	57	60	61	63	63	63	62	65	65	65	67	66	66	64	65	64	67	68	69	62.3
	20	5PM	56	56	57	57	58	58	59	60	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLEMINGSBURG 1 SW	4	MAX	60	62	63	65	66	67	65	65	63	60	55	55	56	60	63	64	63	63	61	69	64	65	63	62	62	62	62	63	65	71	73	63.1
		MIN	51	46	56	57	59	61	60	63	59	55	53	51	52	55	56	60	62	61	61	61	62	62	62	61	60	60	58	59	61	62	65	58.4
	20	6PM	52	53	53	54	55	56	57	57	57	57	57	56	56	56	56	57	58	58	58	59	59	60	60	60	60	60	60	60	60	60	61	57.5
GLASGOW WKAY	4	MAX	64	65	67	68	69	69	69	69	68	66	63	65	66	70	71	71	66	67	71	71	72	73	73	73	71	72	73	73	75	77	77	69.8
		MIN	56	58	60	61	63	63	64	66	64	60	58	59	59	63	65	66	64	65	65	67	67	67	70	69	68	67	67	68	69	70	71	64.5
	20	6PM	57	57	57	58	58	59	60	60	61	61	60	59	59	60	60	61	62	62	62	63	64	64	64	64	64	64	65	65	66	67	68	61.6
GREENVILLE 2 W	4	MAX	67	69	69	72	73	74	72	70	72	68	64	67	68	72	73	75	70	72	72	77	78	78	79	76	77	77	78	80	82	83	83	73.6
		MIN	58	61	62	64	66	67	67	66	67	64	59	64	61	64	67	68	66	69	70	70	72	72	73	71	72	70	71	76	73	75	74	67.7
	20	5PM	58	58	58	60	60	61	62	63	63	62	62	61	60	61	62	62	63	63	65	64	65	66	67	64	66	66	67	67	68	68	70	63.3
HENDERSON 7 SSW	4	MAX	64	65	67	67	70	70	70	70	70	68	64	65	65	69	71	72	69	70	70	72	73	74	74	71	72	73	74	74	76	77	78	70.5
		MIN	59	61	63	64	65	66	67	68	66	64	61	60	62	65	67	68	68	69	69	68	70	71	71	69	70	70	71	70	71	73	74	67.1
	20	6PM	57	57	58	59	59	60	60	61	61	61	60	60	60	60	61	62	62	63	64	64	64	65	65	65	65	65	66	66	66	67	68	62.3
IRVINGTON	4	MAX	58	61	63	63	64	66	67	68	68	63	58	63	67	69	74	79	74	70	70	74	75	75	75	75	74	74	74	78	79	80	81	70.3
		MIN	53	52	53	58	60	60	63	67	62	56	54	53	55	62	63	65	65	67	67	68	68	67	67	68	67	66	66	67	68	75	76	63.2
	20	4PM	53	53	53	53	55	55	56	57	58	57	56	56	55	56	57	58	58	59	60	60	61	62	62	62	62	62	62	63	63	64	65	58.5
LEXINGTON CAMPUS FARM (BARE GROUND)	1	MAX	86	91	91	94	95	92	92	74	65	66	62	72	76	72	85	77	79	71	81	81	77	83	73	73	79	79	79	84	87	90	89	80.5
		MIN	41	49	54	54	59	60	61	65	54	44	46	43	45	57	56	58	58	62	62	63	59	58	62	61	62	59	53	58	62	65	67	56.7
	2	MAX	79	83	85	87	87	87	87	73	65	63	60	67	72	70	81	75	76	70	79	80	76	80	72	72	78	78	78	83	86	88	87	77.5
		MIN	44	50	56	57	61	62	63	65	56	46	47	45	47	58	57	60	60	63	62	64	61	60	64	62	62	60	56	59	63	66	68	58.2
	4	MAX	70	74	77	79	79	80	79	71	66	59	58	63	67	66	75	71	71	68	74	75	73	75	70	70	74	74	74	79	81	83	82	72.8
		MIN	48	53	58	59	62	64	64	66	59	50	50	48	50	58	58	61	61	63	63	64	63	62	65	63	64	62	59	62	65	68	69	60.0
	8	MAX	62	66	68	70	71	72	72	68	67	61	57	59	62	63	68	66	67	66	69	70	69	70	68	67	70	69	69	72	75	76	77	67.9
		MIN	51	55	59	60	63	65	65	67	61	55	53	52	54	59	59	63	62	64	63	65	64	64	65	64	64	64	62	63	67	69	70	61.6
(SOD)	1	MAX	62	64	66	68	69	70	70	68	65	61	59	62	65	65	72	69	70	67	72	74	72	74	70	70	73	73	73	76	76	78	77	69.4
		MIN	50	52	56	57	59	60	61	65	60	55	54	53	54	59	59	63	62	64	64	65	65	64	66	65	65	65	62	63	65	68	68	60.9
	2	MAX	61	63	65	66	67	68	69	67	64	60	59	61	64	64	71	68	69	67	71	73	70	72	69	69	72	72	72	74	75	76	76	68.2
		MIN	51	53	56	57	59	60	61	64	60	56	55	53	55	60	59	63	63	64	64	65	65	64	66	65	65	65	63	64	66	67	69	61.2
	4	MAX	59	61	63	64	65	66	67	66	64	61	58	60	62	63	68	67	67	66	69	71	69	70	69	68	71	70	70	72	73	74	74	66.7
		MIN	51	53	56	57	59	60	61	64	61	57	55	54	56	60	60	63	63	64	64	65	65	64	66	65	65	65	64	64	66	67	69	61.4
	8	MAX	56	57	59	60	61	63	64	64	63	61	58	58	60	61	64	64	65	64	66	68	67	67	67	67	68	68	68	69	70	71	71	64.2
		MIN	53	54	56	57	59	60	61	63	61	58	57	56	57	60	60	63	63	64	64	65	65	64	66	65	65	65	65	65	66	68	69	61.7

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM (SOD)	20	7PM	54	54	55	55	56	57	58	59	60	59	57	57	57	58	58	59	60	61	61	62	63	63	63	63	63	64	64	64	64	65	66	60.0
	40	7PM	53	52	53	53	53	54	54	55	55	56	56	55	55	56	56	56	56	57	57	57	58	58	59	59	59	59	60	60	60	60	61	56.5
MAYFIELD RADIO WNGO	4	MAX MIN	70 69	71 70	72 70	74 72	73 72	75 73	77 75	76 75	76 75	75 70	70 67	75 70	71 70	76 71	76 75	76 75	75 71	78 75	75 72	79 75	79 78	81 79	80 79	79 73	76 72	81 76	- -	- -	- -	- -	85 83	76.0 73.4
	20	5PM	62	62	68	68	68	65	-	66	66	70	66	67	65	65	66	67	71	73	67	67	67	69	69	70	74	70	-	-	-	-	73	67.7
PRINCETON 1 SE	4	MAX MIN	67 58	68 61	70 62	71 64	74 65	75 67	75 67	74 70	72 64	68 61	63 58	68 59	68 60	73 64	75 67	76 68	70 66	71 68	73 70	74 68	75 70	77 71	80 71	79 70	76 70	77 70	76 70	79 70	80 70	81 74	81 74	73.7 66.7
	20	5PM	58	58	59	60	61	62	63	64	64	62	61	60	60	61	62	63	63	63	59	64	65	65	66	66	66	66	67	67	68	69	69	63.3
QUICKSAND	4	MAX MIN	65 53	68 55	70 59	71 60	71 61	73 63	75 65	76 67	68 64	69 58	66 57	64 56	68 56	69 61	74 63	75 65	72 64	73 67	71 66	75 68	76 68	77 68	78 71	72 69	74 69	75 68	75 64	77 65	80 69	82 70	82 76	72.9 64.0
	20	4PM	56	57	58	59	60	61	62	64	64	62	61	60	60	61	62	63	63	64	64	65	66	67	67	68	67	67	66	67	68	68	69	63.4
SANDY HOOK 5 W	4	MAX MIN	61 49	64 52	65 57	68 60	70 61	70 62	70 63	70 65	66 61	61 55	60 54	58 52	62 54	62 54	67 60	68 62	69 64	68 63	67 64	67 64	68 65	70 63	68 67	68 65	70 64	73 64	74 62	75 63	76 63	78 66	79 70	68.1 60.9
	20	6PM	53	53	55	56	57	58	59	61	60	59	57	56	57	56	57	58	59	57	58	60	61	62	62	62	62	62	62	63	64	65	65	59.2
SOMERSET 2 N	1	MAX MIN	64 54	66 56	73 59	68 60	69 61	71 62	70 64	70 66	66 63	65 53	62 51	65 56	68 55	72 61	74 63	74 65	69 63	69 66	72 65	73 67	73 66	76 68	76 69	71 68	74 68	76 64	77 64	79 65	81 63	81 63	81 70	71.8 62.5
	4	MAX MIN	62 54	64 57	66 60	67 61	67 61	69 62	68 64	68 65	65 62	64 60	61 58	63 57	66 56	69 61	71 63	71 65	67 63	68 66	70 65	71 67	71 66	74 67	74 70	70 69	72 68	73 63	74 65	76 69	78 68	78 68	79 70	69.5 63.5
	20	6PM	58	58	59	60	61	61	62	63	63	62	61	60	61	62	63	63	64	65	65	65	66	66	67	67	72	67	67	67	69	69	69	63.9
WILLIAMSTOWN 3 NW	4	MAX MIN	58 55	59 56	60 58	62 58	63 60	63 61	64 62	64 64	65 62	62 58	59 56	58 56	58 56	60 58	63 59	64 63	64 63	64 64	66 63	67 65	68 65	68 65	67 66	66 65	67 63	68 65	68 64	68 65	69 66	70 67	70 68	64.3 61.8
	20	6PM	53	53	53	54	55	56	56	57	58	58	57	56	56	56	57	57	57	58	59	60	60	60	61	61	61	61	61	61	62	63	63	58.1

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

EVAPORATION AND WIND

Station		Day Of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.26	.12	.30	.24	.08	.12	.10	.48	.20	.11	.03	.22	.19	.19	.26	.30	.03	.31	-	.07	.16	.11	.41	.14	.11	.25	.26	.29	.23	.27	.28	6.328
	WIND	43	36	51	43	24	15	39	71	107	102	125	76	36	60	30	35	60	71	62	23	26	35	68	30	18	27	40	36	22	25	23	1459
	MAX	75	80	86	92	87	89	89	85	78	74	68	67	77	82	89	91	66	85	82	71	85	89	90	80	76	90	90	88	96	97	98	83.6
	MIN	48	48	54	57	61	60	62	65	50	47	43	42	47	49	59	60	61	61	65	64	65	65	62	61	60	62	61	60	60	61	66	57.6
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.13	.28	.25	.26	.19	.24	.30	.24	.17	.35	.34	.15	.28	.28	.26	.27	.07	.11	.05	.18	.27	.26	.32	.19	.08	.18	.25	.23	.27	.33	.32	7.10
	WIND	31	29	46	37	13	23	40	51	101	116	104	89	43	35	23	20	24	55	42	33	16	19	30	17	10	13	16	25	26	30	21	1178
WOLF CREEK DAM	EVAP	-	.17	.09	.14	.23	.26	.11	.27	.01	.15	.15	.10	.21	.19	.25	.15	.12	.04	-	.31	.15	.32	.23	.02	.02	.24	.22	.11	.27	.22	.11	5.208
	WIND	-	13	11	13	9	10	15	36	64	32	46	34	15	20	13	16	5	36	15	10	9	15	10	10	5	9	18	12	9	6	9	5438
	MAX	72	82	86	87	90	91	90	91	80	70	70	70	83	84	90	95	90	81	81	83	89	91	94	83	76	82	89	92	95	98	98	85.6
	MIN	45	46	52	62	60	60	58	61	44	45	45	45	48	48	60	61	60	58	58	64	62	62	63	66	67	62	58	52	61	68	67	57.0
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	.15	.21	*	*	.57	.30	.20	.37	-	*	*	.73	.14	.32	.20	.20	.12	.13	.10	*	*	.52	.26	.09	.10	.18	.20	.30	.20	.29	-	6.298
	WIND	43	23	50	*	17	21	28	36	92	*	*	269	36	39	55	19	34	48	58	*	*	116	31	25	15	25	30	23	11	23	40	1207
	MAX	71	83	83	83	90	86	90	90	77	-	-	68	74	84	80	92	82	82	73	-	-	88	91	74	74	85	85	89	95	95	95	83.7
	MIN	44	45	44	45	52	57	62	65	52	-	-	44	48	52	56	61	59	63	62	-	-	61	62	62	60	60	55	56	61	67	68	56.4
* * * EASTERN 04																																	
BUCKHORN	EVAP	*	.31	*	*	.54	.21	.16	.21	.02	-	.27	.05	.14	.19	.18	.20	.16	.08	*	*	.15	.21	.26	*	.04	.16	.12	.23	.22	.26	.12	4.648
	WIND	*	42	23	19	15	16	27	36	93	70	86	53	40	34	22	18	20	17	23	13	13	18	21	5	12	13	14	13	13	15	13	817
	MAX	71	83	84	88	88	91	80	90	73	67	70	64	71	83	87	94	81	95	73	80	88	93	93	85	87	83	84	92	95	96	98	84.1
	MIN	45	46	50	42	55	58	59	60	61	35	32	45	48	48	59	61	60	60	64	64	66	64	63	56	55	63	61	60	60	64	56	55.5
DEWEY DAM	EVAP	.06	.17	.11	.14	.23	.16	.16	.17	.02	.12	.14	.17	.11	.16	.06	.18	.13	.10	.03	.07	.13	.17	.12	.04	.03	.11	.15	.20	.20	.14	.21	3.99
	WIND	18	10	8	10	8	7	7	9	34	31	56	27	14	12	6	10	16	6	2	4	13	7	8	4	4	7	7	11	7	7	12	382
	MAX	70	77	85	85	87	75	75	91	74	72	72	66	72	82	75	90	62	80	72	82	85	87	86	72	73	81	89	84	83	80	80	78.8
	MIN	44	41	49	56	54	56	58	60	63	46	49	49	47	48	61	62	61	62	63	63	63	61	69	60	63	60	54	56	55	60	60	56.5

See Reference Notes Following Station Index

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		C GH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROATON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA M. NEWKIRK
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		7A			OTHO KELLER
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	768		7A			RONALD G ROWE
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		C G	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS LILLIAN N WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1155		5P			BEGIE BREEDING SR.
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK O. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			PORTER WALLACE. JR.
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.+E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN. JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COA
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	625		7A		C	JAMES W. STEWART
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COA
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 W	7165	04	ELLIOT	1	38 07	83 13	1105				G	WILLIAM ADKINS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM [illegible]. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

KENTUCKY
MAY 1969

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY

JUNE 1969

Volume 64 No. 6

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CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	87.6	63.5	75.6		97	30	42	3	4	14	0	0	0	6.47		2.57	13	.0	0		8	5	2
BEAVER DAM	86.7	62.4	74.6		95	30	42	3	10	13	0	0	0	8.23		2.53	29	.0	0		7	5	3
FORDS FERRY DAM 50	86.6	63.9	75.3		96	30	47	3	6	12	0	0	0	10.30	6.75	4.78	23	.0	0		8	2	2
GILBERTSVILLE 1 SE	88.1	65.1	76.6		98	30	46	3	1	14	0	0	0	3.67		1.40	13	.0	0		6	2	1
GOLDEN POND 8 N																							
GREENVILLE 2 W	85.7	63.1	74.4	.0	94	30	44	3	9	9	0	0	0	11.73	7.55	7.20	23	.0	0		8	4	3
HENDERSON 7 SSW	85.9	64.5	75.2	- .2	95	30+	46	3	5	11	0	0	0	4.59	.80	1.43	23	.0	0		8	4	1
HICKMAN 1 E	87.7	63.1	75.4		97	30	43	3	6	11	0	0	0	2.70		.82	24	.0	0		6	2	0
HOPKINSVILLE	86.9	62.1	74.5	- .8	97	29+	46	3	9	13	0	0	0	9.10	4.99	3.78	14	.0	0		10	4	3
LOVELACEVILLE	87.2	62.9	75.1	- .9	97	30+	42	3	6	12	0	0	0	3.51	- .23	1.48	13	.0	0		6	3	1
MADISONVILLE 1 SE	86.5	64.4	75.5		95	30+	46	3	5	11	0	0	0	13.86		8.15	23	.0	0		8	5	4
MAYFIELD RADIO WNGO	90.0	62.2	76.1		102	30	43	3	3	17	0	0	0	6.83		3.18	15	.0	0		8	3	2
MURRAY	84.4	64.9	74.7	- 1.3	93	30	47	3	9	9	0	0	0	7.24	3.74	3.10	13	.0	0		7	4	2
OWENSBORO 2 W	86.1	62.6	74.4	- .8	95	30+	45	3	7	11	0	0	0	6.36	2.44	1.76	23	.0	0		9	6	3
PADUCAH FAA AIRPORT	85.9	64.7	75.3		96	30+	50	3	4	10	0	0	0	4.70		1.08	22	.0	0		7	5	1
PADUCAH	88.0	64.9	76.5		96	29+	47	3	2	13	0	0	0	6.23	2.45	3.00	13	.0	0		8	4	2
PRINCETON 1 SE	86.6	64.0	75.3	- .1	95	30+	45	3	6	12	0	0	0	10.27	6.46	4.05	23	.0	0		8	4	4
ROCHESTER LOCK 3	84.1	63.1	73.6		94	29	46	3	11	7	0	0	0	13.56		7.83	23	.0	0		10	4	3
RUSSELLVILLE	85.2	62.4	73.8	- 1.5	94	29+	45	3	13	9	0	0	0	12.79	8.89	8.80	23	.0	0		9	4	4
DIVISION			75.1	- .3										7.90	4.04			.0					
* * * CENTRAL 02																							
ANCHORAGE	84.2	61.6	72.9	.5	92	28	43	4	18	6	0	0	0	4.98	.76	1.40	21	.0	0		9	4	1
BARDSTOWN NAZARETH COL	83.1	61.1	72.1		90	29+	43	3	20	2	0	0	0	3.95		.90	14	.0	0		8	3	0
BARREN RIVER RESERVOIR	86.4	62.0	74.2		96	8	40	3	16	14	0	0	0	8.96		4.26	23	.0	0		7	5	3
BOWLING GREEN FAA AP	86.6	63.1	74.9	- 1.1	97	30	44	3	7	14	0	0	0	11.11	6.95	5.69	23	.0	0		9	4	2
BRADFORDSVILLE	84.2	60.5	72.4		95	29	40	3	27	8	0	0	0	4.98		1.43	23	.0	0		10	4	2
CAMPBELLSVILLE 2 SSW	86.4	62.5	74.5		95	30+	44	3	13	12	0	0	0	5.00		1.36	13	.0	0		6	5	2
CECILIA	86.2	61.2	73.7	.2	95	30	41	3	14	11	0	0	0	5.06	.70	1.57	23	.0	0		8	4	1
CLERMONT 1 SSE	86.5	60.0	73.3		94	28+	40	3	19	11	0	0	0	5.06		.93	14	.0	0		11	6	0
GLASGOW WKAY	86.7	62.5	74.6		96	30	43	3	10	11	0	0	0	6.57		3.43	23	.0	0		8	3	1
GREENSBURG	86.6	62.0	74.3	.2	96	29+	43	3	16	14	0	0	0	4.86	.03	1.63	23	.0	0		7	4	1
HODGENVILLE-LINCOLN NP	85.7M	60.9M	73.3M		94	30+	42	3	16	12	0	0	0	3.98		1.18	23	.0	0		7	3	1
IRVINGTON	85.5	61.4	73.5	- .9	93	30	42	3	18	8	0	0	0	3.22	- 1.20	.81	23	.0	0		8	2	0
LEITCHFIELD 2 N	86.5	61.3	73.9	- .5	95	30+	39	4	13	10	0	0	0	4.03	- .47	1.45	23	.0	0		7	2	2
LOUISVILLE	87.0	66.1	76.6		96	30+	51	3	3	14	0	0	0	3.67		.86	14	.0	0		8	3	0
LOUISVILLE WB AP R	83.3	63.6	73.5	.1	93	28+	46	3	14	7	0	0	0	2.97	- 1.02	1.17	22	.0	0		6	2	1
MAMMOTH CAVE PARK	85.5	61.3	73.4		94	30	40	3	19	8	0	0	0	6.51		3.30	23	.0	0		6	5	1
NOLIN RIVER RESERVOIR	84.9	60.2	72.6		95	29	43	4	12	9	0	0	0	7.20		3.09	23	.0	0		8	4	2
ROUGH RIVER DAM	85.1	62.1	73.6		95	29	43	3	20	9	0	0	0	3.75		1.95	23	.0	0		6	2	1
SCOTTSVILLE 3 SSW	85.3	63.6	74.5		94	30+	46	3	8	9	0	0	0	14.79		9.68	23	.0	0		7	5	4
SUMMER SHADE	84.6	62.2	73.4		93	30	44	3	11	9	0	0	0	10.17		4.48	23	.0	0		8	4	3
WOLF CREEK DAM	85.4	57.9	71.7		94	29+	40	3	22	10	0	0	0	9.49		3.26	15	.0	0		9	5	3
DIVISION			73.7	- .5										6.21	1.89			.0					
* * * BLUE GRASS 03																							
BEREA COLLEGE	85.0	62.8	73.9	.2	94	28	45	3	14	10	0	0	0	5.39	.55	1.18	23	.0	0		7	6	2
CARROLLTON LOCK 1	83.8	61.7	72.8		92	30+	43	4	19	10	0	0	0	5.10	.96	1.15	13	.0	0		10	4	1
COVINGTON WB AIRPORT R	82.6	61.1	71.9	.1	92	30+	44	4+	29	9	0	0	0	4.91	1.02	1.72	12	.0	0		7	5	1
CYNTHIANA 2	84.7	59.6	72.2		93	30+	41	4	25	12	0	0	0	3.61		.98	13	.0	0		7	3	0
DANVILLE	83.1	60.8	72.0		93	9+	44	3	28	7	0	0	0	4.39	- .30	1.35	23	.0	0		9	3	2
DIX DAM	84.4	62.0	73.2		94	28	44	3	17	9	0	0	0	3.33		1.15	23	.0	0		7	2	1
FALMOUTH 5 WNW	84.9	57.0	71.0		94	29	37	4	27	8	0	0	0	3.42	- 1.01	.96	13	.0	0		8	3	0
FARMERS 1 WNW	84.7	60.1H	72.4H	.0	94	30+	42	4	22	8	0	0	0	3.18	- 1.31	1.25	15	.0	0		8	1	1
FLEMINGSBURG 1 SW	82.8	59.8	71.3		92	30	41	16+	27	7	0	0	0	3.71		1.24	14	.0	0		9	2	1
FRANKFORT LOCK 4	83.6	61.1	72.4	- 1.3	93	30+	44	4	21	9	0	0	0	3.43	- .64	1.03	15	.0	0		7	3	1
LEXINGTON WB AIRPORT R	82.8	62.8	72.8	- .8	92	12	45	3	17	9	0	0	0	4.61	- .11	1.55	14	.0	0		11	2	1
MAYSVILLE SEWAGE PLANT	83.8	59.6	71.7	- .6	94	27	44	3	27	7	0	0	0	3.73	- .45	.86	13	.0	0		11	1	0
MOUNT STERLING	84.9	61.8	73.4		93	28+	45	3	17	10	0	0	0	3.50	- 1.03	1.01	14	.0	0		10	2	1
OWENTON 2 S	H	M	H				40	4			0	0	0					.0	0				
RICHMOND	83.6	61.4	72.5		93	29+	42	3	21	8	0	0	0	4.52		1.26	23	.0	0		11	3	2
SHELBYVILLE	81.6	60.6	71.1	- 2.1	92	29	45	4+	28	4	0	0	0	4.09	- .35	.97	23	.0	0		8	4	0
WARSAW MARKLAND DAM	83.4	58.3	70.9	- 1.9	93	30+	43	5+	33	6	0	0	0	3.59	- .58	1.09	26	.0	0		7	3	1
WAYNESBURG 7 NE	82.8	59.9	71.4		91	30+	41	3	21	5	0	0	0	4.41		1.25	23	.0	0		9	4	1
WILLIAMSTOWN 3 NW	83.1	61.5	72.3	- 1.2	92	29+	43	3	20	8	0	0	0	3.82	- .43	1.18	13	.0	0		10	2	1
DIVISION			72.2	- 1.2										4.04	- .40			.0					
* * * EASTERN 04																							
ASHLAND	84.6	58.2	71.4	- 2.3	95	28+	41	5+	28	9	0	0	0	3.18	- .68	.85	15	.0	0		7	2	0
BARBOURVILLE	85.1	58.8	72.0		94	28	43	5+	22	8	0	0	0	6.16		1.55	24	.0	0		10	5	2
BAXTER	84.4	58.0	71.2		94	30	40	4	25	9	0	0	0	5.35		1.69	24	.0	0		8	4	1
BLAINE	85.5	56.0	70.8		95	28+	40	5+	29	12	0	0	0	3.02		.68	3	.0	0		8	1	0
CUMBERLAND	86.4	M	M		94	30+	38	5		11	0	0	0	5.02		1.92	23	.0	0		8	3	1

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 63

CLIMATOLOGICAL DATA

Continued

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
DEWEY DAM	85.8	58.9	72.4		96	29+	43	3	15	14	0	0	0	3.33		.75	15	.0	0		10	3	0
GRAYSON 5 SE	84.6	57.1	70.9		94	30+	41	4	28	11	0	0	0	2.71		.75	15	.0	0		6	1	0
HEIDELBERG LOCK 14 R	86.0	59.2	72.6		94	29	40	4	18	9	0	0	0	4.77	.38	1.46	29	.0	0		8	2	2
HINDMAN 11 NNE	85.5	57.2	71.4		94	28+	39	4	24	13	0	0	0	2.48		.74	23	.0	0		7	2	0
HYDEN	86.1M	57.9M	72.0M		94	28+	42	5+	18	9	0	0	0	4.74		1.23	24	.0	0		8	2	2
JACKSON	M	M	M		97	26					0	0	0					.0	0				
LONDON FAA AP	83.4	60.4	71.9		92	30+	41	3	21	7	0	0	0	4.92		2.01	23	.0	0		7	3	1
MANCHESTER 4 SE	85.0	58.7	71.9		92	28+	40	4	18	7	0	0	0	5.44		1.42	23	.0	0		10	5	2
MC KEE	83.2	56.4	69.8		94	28	38	4	44	9	0	0	0	5.25		2.08	29	.0	0		8	3	2
MIDDLESBORO	83.9	58.0	71.0		92	30+	42	5+	19	6	0	0	0	7.98		1.89	23	.0	0		9	5	4
MONTICELLO	85.8	61.6	73.7		94	30	44	4+	11	9	0	0	0	7.46		1.91	23	.0	0		7	5	4
MOUNT VERNON	85.1	61.2	73.2		93	27	42	4+	20	9	0	0	0	6.68		1.73	23	.0	0		9	5	2
PIKEVILLE	88.6	61.6	75.1		97	27+	45	5+	6	15	0	0	0	2.25	- 2.15	.73	14	.0	0		4	2	0
SOMERSET 2 N	85.1	57.9	71.5		93	30+	41	4+	24	8	0	0	0	6.94		2.73	23	.0	0		8	3	2
STEARNS	83.8M	59.6M	71.7M						11		0	0	0	5.09				.0	0				
TOMAHAWK 1 WSW	84.0	55.2	69.6		95	28	39	5+	36	7	0	0	0	3.93		1.25	2	.0	0		9	3	1
VANCEBURG	84.7	54.5	69.6		96	29	35	4	34	7	0	0	0	4.53	.23	1.62	14	.0	0		8	3	1
WEST LIBERTY	85.0	57.0	71.0		95	26	42	5+	27	10	0	0	0	2.45		.65	3	.0	0		8	2	0
WILLIAMSBURG 1 E	84.9	60.8	72.9	- 1.4	93	30+	44	3	9	7	0	0	0	5.79	1.87	1.89	23	.0	0		8	4	
DIVISION			71.7	- 1.6										4.76	.49			.0					

EXTREMES

HIGHEST TEMPERATURE MAYFIELD RADIO WNGO	102	DATE	30
LOWEST TEMPERATURE VANCEBURG	35	DATE	04
GREATEST TOTAL PRECIPITATION SCOTTSVILLE 3 SSW	14.79		
LEAST TOTAL PRECIPITATION LOUISA 2	1.92		
GREATEST 1 DAY PRECIPITATION SCOTTSVILLE 3 SSW	9.68	DATE	23

See Reference Notes Following Station Index

KENTUCKY - JUNE 1969

SPECIAL WEATHER SUMMARY

June temperatures averaged just about normal over the greater part of the Commonwealth. However, rainfall was very heavy in portions of west and south-central Kentucky. A number of locations had monthly totals ranging from 10 to almost 15 inches, from 7 to 10 inches above normal June rainfall. A statistical study indicates that such a wet June occurs less often than 5 out of 100 years.

A portion of the heavy rain fell during the week ending June 15, the wettest week in 2 to 4 months in the western and central sections. But the greater part of the rainfall came from excessive rains associated with heavy thunderstorms in the early morning hours of June 23. The greater part of the intense rainfall came in about 6 hours. In Figure 1. isohyets have been drawn to show areas of heaviest rainfall for the 24-hour period ending at 7 a.m., June 23, 1969. In at least two locations - Madisonville, Hopkins County, and Scottsville, Allen County - rainfall for a 6-hour period exceeded 8 inches: 8:45 inches, at Madisonville, and 8.85 inches, at Scottsville. At Scottsville the 12-hour rainfall accumulation was 9.68 inches. The Scottsville totals were new records for the State.

This heavy rain caused flash flooding in a number of counties, and three persons were drowned in Trammel Creek in Allen County. The U. S. Department of the Interior Geological Survey stated (WATER RESOURCES REVIEW, June 1969, page 3) that, "Peak discharges at two gaging stations in the upper Barren River basin were the greatest of record, and greater than those likely to occur on the average once in 50 years." The Barren River was above flood stage at Bowling Green for the dates June 24-27, and the Green River was above flood stage along portions of its reach for the dates June 24-30.

At Fountain Run, on the Monroe-Allen Counties' border in south-central Kentucky, the rain began about 1 a.m., c.s.t., and accumulated to a depth of 8 inches in about 6 hours, according to a news report. This report also noted that the flood mark left by the June 23, 1969, flash flood was at least 5 feet higher than any of the flood marks recorded by a local family during the past 100 years.

Flash flood damage to property, both public and private, was very heavy in portions of south-central and western Kentucky. Heavy rain was damaging in some cases where flooding was minor. Total dollar damage was not available at the time this summary was prepared; it was estimated that compilation of damage by several agencies would require several additional months. However, reports received indicated very roughly that heaviest damage (see Figure 1) probably would be in the area near or in the area enclosed by the 8-inch isohyets, with considerable damage in the larger area enclosed by the 4-inch isohyets, and some damage in that area enclosed by the 2-inch isohyets. Preliminary reports indicated that the heaviest damage took place in Allen County, where flooding Trammel Creek took three lives: 100 homes were damaged to some degree and several homes and buildings washed away; 35 bridges, utility poles, livestock, and two heavy truck trailers were reported to have been some of the items washed away. It was reported that many of the farms in the county were flooded, that much of the topsoil was washed away, and that about 50 percent of the crops were destroyed.

No tornadoes were reported during the month but at least six funnel clouds aloft were reported, occurring on the 14th, 23d, and 29th. Days with thunderstorms ranged from about 5 to as many as 15 (Cumberland Gap Park).

Two fatalities and six injuries were associated with high winds. Lightning was responsible for one death and 18 injuries. Some of the more widespread storms occurred on the 12th, 23d, 24th, and 28th.

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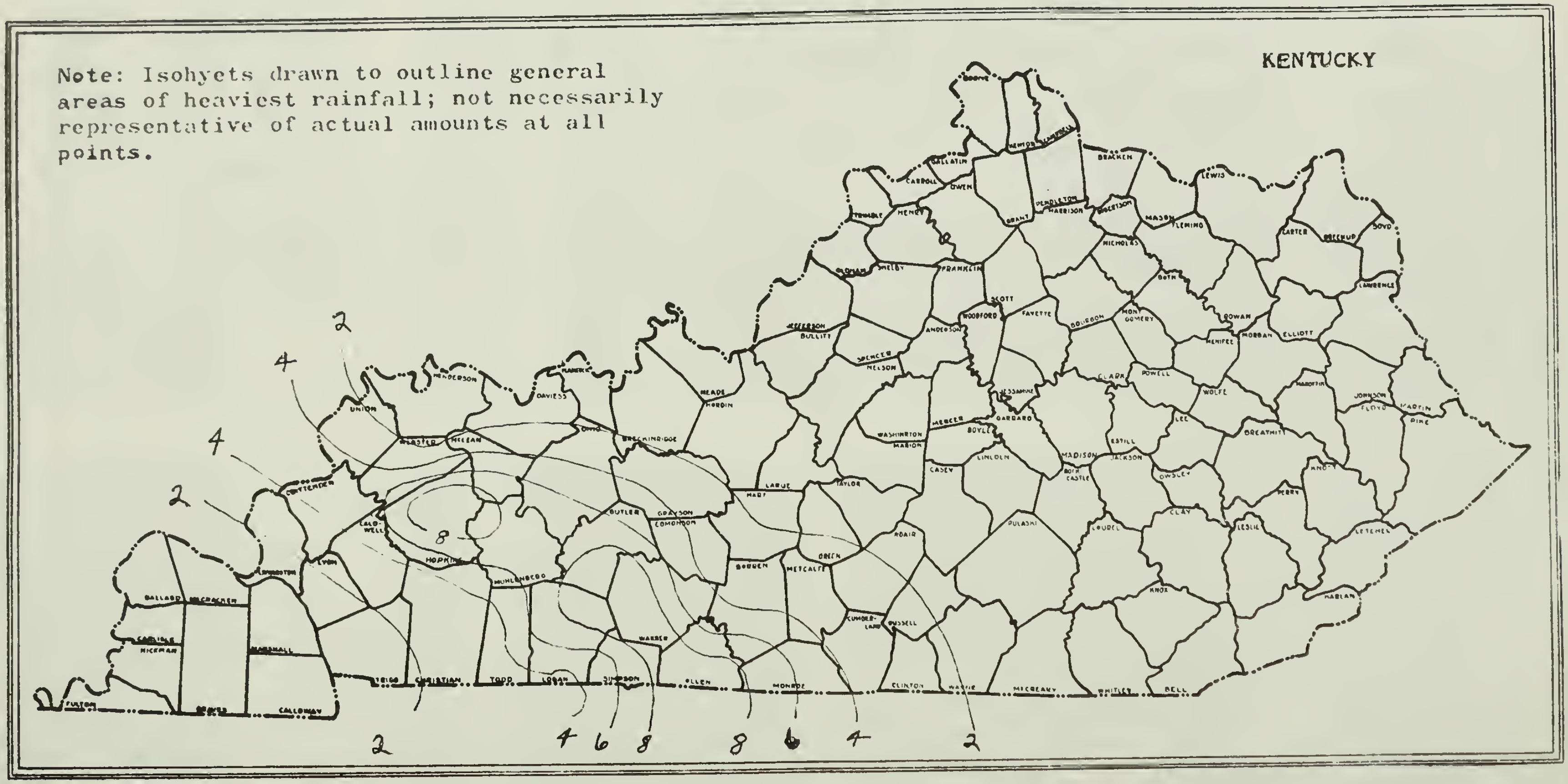
Note: The foregoing narrative highlights several noteworthy weather events and was completed before weather data processing for the publication was completed. For further details see the accompanying tables. See also this month's issue of STORM DATA for additional details concerning the storms noted above and other storms. See this month's issue of CLIMATOLOGICAL DATA NATIONAL SUMMARY for additional details concerning flooding. See this month's issue of HOURLY PRECIPITATION DATA KENTUCKY for additional details concerning the excessive precipitation mentioned in the above summary.

For information concerning flooding on June 23 in an adjacent area of northern Tennessee, see this month's issue of CLIMATOLOGICAL DATA TENNESSEE.



Note: Isohyets drawn to outline general areas of heaviest rainfall; not necessarily representative of actual amounts at all points.

Figure 1. 24-hour rainfall, period ending at 7 a.m., June 23, 1969.

DAILY PRECIPITATION

KENTUCKY
JUNE 1969

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	6.47	.01								T			.15	2.57	.80	.60		T	.29			T	.61	.28	1.16							.
BEAVER DAM	8.23		.06											.58	1.08	.80			T				.48	2.25	.45					2.53		.
CALHOUN LOCK 2	7.31		.38	.05							T			2.13	.58	.90			T	.07				2.34		.23				.63		.
COBB	6.59		.25											1.70	.33	.37			.12					2.02	1.10	.42				.28		.
DAWSON SPRINGS	12.70		.27											1.80	2.86	2.34				.08		.05		5.00						.30		.
DUNDEE 4 ESE	5.68		.20											1.45	.48	.42								2.08	.60					.45		.
DUNMOR	11.16		.32	.02										.19	.81	.54	T		.10	.44				6.26	1.20	.62				.66		.
ELKTON 2 S	8.87		.11	.05										.10	.41	.30	.01		.10	.04				3.30	1.80	1.00				1.69		.
FORDS FERRY DAM 50	10.30		.02											3.71	.41	.42			.05	.19				4.78	.15	.16				.41		.
FRANKLIN 1 E	12.25		T											2.23	.22	.46	.16		.02					6.31	1.47	1.17				.21		.
GILBERTSVILLE 1 SE	3.67	.07	.35								T	T		1.40	.21	.44	T	T	.07	T	T		.96	.06	.11						T	.
GOLDEN POND 8 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
GREENVILLE 2 W	11.73		.19											1.49	.64	.03			.08	.26			.49	7.20	.33					1.02		.
HARTFORD 6 NW	6.25		.28	.04										1.64	.32	.47	T							2.07		.39				1.04		.
HENDERSON 7 SSW	4.59	.03	.03							T			.31	.79	.04	.36			.14		T		.54	1.43	.56					.36		.
HICKMAN 1 E	2.70	T	.19								T		T	T	.30	.49			T				.15	.75	.82			T				.
HOPKINSVILLE	9.10		.35	.10						.17	.04			.07	3.78	1.10	.02		.10					2.52	.62	.11				.12		.
LOVELACEVILLE	3.51	.15											.08	1.48	.17	.22			.04				.65	.07	.65							.
MADISONVILLE 1 SE	13.86		.27											1.00	1.89	1.22			.05	.03				8.15	.45	.25				.55		.
MAYFIELD RADIO WNGO	6.83		1.02							.30	T			.48	.33	3.18							.42	.85	.25							.
MURRAY	7.24		.15											3.10	.93	1.86				.15				.82	.23							.
OWENSBORO 2 W	6.36		.65							T				1.10	.18	.70				.15		.30		1.76	.52					1.00		.
OWENSBORO DAM 46	6.89		.62				.06				T	T		1.45	.20	.66	.04		.01	.14		.33		1.88		.55				.95		.
PADUCAH FAA AIRPORT	4.70	.15											.87	.18	.56	.08		.03	.04				1.08	.01	.74						.96	.
PADUCAH	6.23	T	T										.18	3.00	.20	.25			.16				1.14	.54	.76							.
PARADISE STEAM PLANT R	12.85		.16											.05	.28	.99	.02		.08	.09				6.00	1.53	1.33				2.32		.
PRINCETON 1 SE	10.27	T	.34										.07	1.37	2.59	.37			.06	T		T	1.00	4.05	.26					.16		.
ROCHESTER LOCK 3	13.56		.35	.11										.23	.48	1.93	.07		.09	.22				7.83	.66	.45				1.14		.
RUSSELLVILLE	12.79	.11	.02											.23	1.01	.23			.06	.10				8.80	1.00	.10				1.13		.
SEBREE	6.39		.42											1.31	.17	.87			.09	.25		.68		1.72	.68					.20		.
UNIONTOWN DAM 49 //	5.22		T								.09			1.22		1.04			.03					1.95	T	.39				.50		.
• • • CENTRAL 02																																
ADDISON DAM 45 //	5.34		.40	.08			.05				T			.70	1.55	.23			.01					1.55		.66				.11		.
ALBANY 4 N	7.88													.15	.48	1.80	.05		.05					2.41	1.14	.97				.83		.
ANCHORAGE	4.98		.65				.32							.35	.57	.16			.02			1.40	.82	.43	.26							.
BARDSTOWN NAZARETH COL	3.95		T	.01										.31	.90	.01			.08	.05		.19	.42	.67	.28	.84				.19		.
BARREN RIVER RESERVOIR	8.96			.04							T			.60	.37	.42	T		.05	.09				4.26	1.17	.86				1.10	T	.
BOWLING GREEN	13.32			.05										1.55	.65	.35	T		.05	.26				7.21	1.85	.85				.50		.
BOWLING GREEN FAA AP	11.11		.04							.16	T		T	2.65	.44	T			.30				.70	5.69	.74				.27	.12		.
BRADFORDSVILLE	4.98			.40								.15		.67	.02	1.10	.17		.13			.12	.03	1.43	.54					.22		.
BROWNSVILLE	8.03	T	.11	.05						.02	T			.87	.67	1.01	.27		.04	T				4.00	.50	.43		T		.06		.
BURKESVILLE 2 W	8.29			T										.87	.33	1.82	T			.06				2.93	.71	1.07				.50		.
CAMPBELLSVILLE 2 SSW	5.00		.09							T				1.36	.79	.53	.01		.08				.25	1.20	.69							.
CANEYVILLE	4.79		.21	.13										.07	.17	1.30			.08					2.10		.62				.11		.
CECILIA	5.06		.51							T			T	.52	.82	.03	.02		.08		T	T	.38	1.57	.44					.43	.26	.
CLERMONT 1 SSE	5.06		.54							.01			.10	.68	.93	.12			.06			.54	.51	.60	.35	.18				.01	.43	.
EDMONTON	8.40			.10										2.35	.85	.80	.15							3.10	.40	.65						.
GAMALIEL 1 S	14.41		T	T								T	T	2.30	.06	1.32	.27			T				7.83	1.10	1.33				.20		.
GLASGOW	6.80		.07								.28			.90	.30	.20	.14		.02	.04				3.50	.50	.75				.10		.
GLASGOW WKAY	6.57		.07							.12			.98	.35	.20	.18			.04				.34	3.43	.84					.02		.
GLENDALE 1 E	3.37		.27	.03										.33	.03	.71	.03		T	.04		.10		1.52	.08	.20				.03		.
GREENSBURG	4.86		.03	.08						.40				.52	.25	.65	.34		.05	T		.07		1.63	.06	.78						.
GREENSBURG HIWAY 61	5.04		.11	.03						.31				.87	.50	.72	.14		.02			.02		1.70	.03	.59						.
HODGENVILLE-LINCOLN NP	3.98		.23											.77	.98	.10	.02		.07			T	.25	1.18	.38					T		.
IRVINGTON	3.22		.24				.11			T		.01	.01	.17	.44	.08			.05			.47	.51	.81	.26					.06		.
LEITCHFIELD 2 N	4.03		.10	.15									T	.22	.31	1.40			.04	.01				1.45	.06	.25				.04		.
LIBERTY	4.67		.03								.04			.84	.47	.41	.09		.01			.02		1.16	.32	.63				.03	.62	.
LOUISVILLE	3.67		.37				.12			.07				.19	.86	.09			T		.16		.77	.81	.23							.
LOUISVILLE WB AP R	2.97		.40			.01	T			T			.01	.23	.68	.12		T	.01		.06		1.17	.08	.20					T		.
LOUISVILLE UPPER GAGE	4.21		.20	.15			.45			.13				.18	.56	.70	.04		.02	T		.22		1.23		.33						.
MAMMOTH CAVE PARK	6.51		.08							T			-	.70	.30	.90	T		.04				.59	3.30	.60			T		T		.
MILLERSTOWN	3.80		.20	.05									T	.14	.06	1.12	.17		.06	.07		.20		1.46		.24				.03		.
MUNFORDVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		.40		1.80		.50						.
NOLIN RIVER RESERVOIR	7.20		.22	.08										.94	.65	1.20	.22			.06				3.09	.17	.49				.08		.
ROUGH RIVER DAM	3.75		.20	.10										.25	.04	.72	T		.03	T		.04		1.95		.35				.07		.
SCOTTSVILLE 3 SSW	14.79												.20	1.17	1.34	.05			.08				.32	9.68	.90					1.05		.
SCOTTSVILLE 2 SW	14.43			.03										1.70	.10	.90	.10		.05					9.45	.25	.85				1.00		.
SHEPHERDSVILLE	3.05		.26											.53	.04	.70	.08		T			.27		.82		.35				T		.
SUMMER SHADE	10.17									.12			1.67	1.66	.98	.08			.05	.01			.35	4.48	.34					.43	T	.
WOLF CREEK DAM	9.49		T	.05							.26			.98	.35	3.26	.15		.04	.04				2.66	.51	1.08				.11		.
WOODBURY LOCK 4	12.23		.16	.10										.45	.67	2.75			.10	.07				6.43	.63	.50				.37		.
• • • BLUE GRASS 03																																
BEREA COLLEGE	5.39		.09	T			T			T				.73	.64	.08			.06		1.09		.11	1.18	.55					.86		.
BEREA	5.12		T	.07										T	.69	.52	.05		.06	.08		.96		.92	.40	.54				.83		.
CARROLLTON LOCK 1	5.10		.71	.12				.08		.50				1.15	.11	.16	.07		.02	.07		.25		.45		.44	.97					.
COVINGTON WB AIRPORT R	4.91		.75			T			.01	.04			1.72	.56	.03	.23		T	.04				.36	.53	.05	.58	.01					.
CYNTHIANA	3.80		.03	.32			.09			.04				1.08	.05	.69	T		.01	T		.16		.73	.32	.28			T			.
CYNTHIANA 2	3.61			.32			.09			.04				.98		.65						.13		.75	.32	.33						.
DANVILLE	4.39		T	.08			.03				T			1.12	.20	.59	.13		.12	.04		.25		1.35	.12	.36				T		.
DIX DAM	3.33		T	.25			.06							.43	.05	.79	.14		.05	.11				1.15		.23				.07		.
FALMOUTH 5 WNW	3.42			.58				.06		.06				.96	.05	.29	.07		T	.03		.53		.34	.17	.12	.16					.
FARMERS 1 WNW	3.18			.26										.23	T	1.25	.33		.09	.10				.39	.04	.24		T		.25		.
FLEMINGSBURG	3.82		.09	.12			.32					.10		.41	.09	1.47				T		.18		.49	.03	.21	.04	.09	.18			.
FLEMINGSBURG 1 SW	3.71	.07	.18				.15					T		.53	1.24	.02			T		.37		.31	.29	.29	.05	.14		.07			.
FORD LOCK 10	2.72		.06	.24										.44	.07	.23	.08		.06	.08		.14		.84	.17	.31				T		.
FRANKFORT LOCK 4	3.43		.08	.23			.50			T		.03		.32		1.03	T		T	.03		.14	T	.70		.37						.
GEORGETOWN WATER WORKS	4.14		.41	.25			.25							.83	T	1.15	.10							.77		.32			.06			.
GEST LOCK 3	4.12		.25	.18			.06	.26		.15		.05		.78		.68	.04		T	T		.80	T	.72		.12	.03					.
HIGH BRIDGE LOCK 7	4.59		.10	.30			.05					T		.45	.02	1.40	.09		.05	.03				1.00	.10	.98				.02		.
KEENE 1 SSW	5.19		*	.40										.52		1.88	.52			.07				1.02		.78						.
LA GRANGE 1 ESE	5.09		.70				.20	.38		.26				.53	.33	.14			.06	T	T	1.38	.52	.27	.17	.15	T					.
LANCASTER	4.14			.17										.60	*	*	.98		.12	.13		*	*	1.56	.17	.41						.
LEXINGTON WB AIRPORT R	4.61	.01	.46			.23	.02						.12	.71	1.55	.16			.12		.02		.18	.44	.34	.25		T				.
LITTLE HICKMAN LOCK 8	3.65			.09								.15		.39	.07	.72	.43		.06	T				1.29	.13	.26				.06		.
LOCKPORT LOCK 2	4.40	T	.34	.18			T	.54		.16		T		.39		.72	.05		.04	T		1.12		.66		.16	.04					.
MAYSVILLE SEWAGE PLANT	3.73		.18	.41			.15	T		.14				.86	.02	.41	.04			.06		.08		.24	.46	.30	.18		.20			.
MIDWAY	3.95		.24				.51							.24	T	1.42	.31		.03					.64		.56						.
MOUNT STERLING	3.50	T	.14				.04						.10	.30	1.01	.17			.13				.04	.67	.36	.04	.23		.27			.
OWENTON 2 S	-	.01	.48	.02			.17	.51		.35		T		.36	.32	.09	.01		-	-	-	-	-	-	-	-	-	-	-	-	-	.
RICHMOND	4.52		.02	.10						T		.09		1.19	.18	.21	.12		.10	.04		.60	.02	1.26	.12	.30						.
SALVISA LOCK 6	5.33		.02	.33			.09							1.20	.02	.99	.04		.06	.04				.93		1.61				T		.
SHELBYVILLE	4.09	.25	.50	.14			.07	.02						.69	.01	.62	.08		T	.03		.34		.97		.37						.
SPRINGFIELD	4.01		T	.20										.50		.78	T				.08			1.60		.47				.38		.
TAYLORSVILLE	-	T	.28				.13							.58		.42	.18					-		-	-	-				.28		.
TYRONE LOCK 5	3.78		.02	.27			.22	T						.23	.07	1.45	.29		.06	.01		.03		.73	.02	.38				T		.
VALLEY VIEW LOCK 9	2.91		.04	.15								T		.42	.04	.37	.06		.05	.13		T	T	1.03	.10	.52						.
WARSAW MARKLAND DAM	3.59		.37	.70						.05				.76	T	.12	.11							.36		.03	1.09					.

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	4.41													.79	.54	.52	.22					.19		1.25	.30	.35				.25		
WILLIAMSTOWN 3 NW	3.82		.60	.06		T	T			.22				1.18	.23	.31			.02	T		.42	.27	.18	.17	.15			.01			
* * * EASTERN 04																																
ASHLAND	3.18			.64			.03	.30								.85	.44		.08	.03				.28		.17	.33			.03		
BARBOURVILLE	6.16		.12	.87						.26						.72	.45		T	.10		.09		1.07	1.55	.75				.22		
BAXTER	5.55		.89	.30						.05						.30	.06			.28		.26		.95	1.69	.55				.04		
BLAINE	3.02		.56	.68						.09						.40	.11			.19				.41	.05	.40	.02			.31		
BUCKHORN	3.63		.40	.86			T					T		T		.12	.04		T	T		T		1.00	.76	.30				.15		
BURDINE 2 NE	3.29		.65													1.05	.15							.86	.20	.58						
CLAY CITY 1 WNW	5.45			.05										.05	.05	2.25	.05		.08	.12				.82	.18	.20		.05		1.55		
COLLEGE HILL LOCK 11	2.85		.03	.05				.03		T				.04	.39	.38			.17	.10		.07		1.05	.25	.22		.09				
CUMBERLAND	5.02	.29	.48								T		T	T	.03	.10	.95		.07	.01	.08	T	.25	1.92	.21	.01			.62			
CUMBERLAND FALLS ST PK	5.09									.25				*	*	*	*	*	*	*	*	*	*	*	*	4.64				.20		
DEWEY DAM	3.33		.62	.52				.10		.05	T	.03				.75	.20			.13				.28	.22	.20	.03			.20		
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FREEBURN 2 SW	2.86		.18	.62										.09		.75	.39			.02				.15	.29	.27				.10		
FRENCHBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GRAYSON 5 SE	2.71		T	.48			.04			T			.07			.75	.46		.09	T				.45	.03	.19	.15			T		
HAZARD WATER WORKS	4.51		.68	.66												.46	.05					.24		.62	1.09	.28				.43		
HEIDELBERG LOCK 14 R	4.77		T	.22			.07	.02				.05	.08			.31	.30		.07	T		.26		1.25	.38	.32		T		1.46		
HINDMAN 11 NNE	2.48		.25	.50												.16	.10							.74	.36	.37						
HYDEN	4.74		.47	.37				.02		.03						.22	.35		T	.01		.28		1.20	1.23	.48				.08		
JACKSON	-	-	-	-	-	-	-	-	-	-	-			.19		.02	.87		T	.01				.06	.76	.22				.49		
JEREMIAH	4.05	.05	.75								T			.03		.15	.45		.06			.05	.09	1.36	.36					.70		
LLOYD GREENUP DAM	3.46		.04	.65			.17	.25		.13			.03		T	.58			T	.06		.01		.42		.12	.99	T		.01		
LONDON FAA AP	4.92	T	.08				T		.67						.26	.09			T		.32		.45	2.01	.30		.09		.65			
LOUISA 2	1.92		.06	.56				T		.20						.19	.06		.07	.11				.53	.10	.13	.11		T			
MANCHESTER 4 SE	5.44		.69	.72				.21								.16	.18					.10		1.42	1.15	.23				.58		
MARTIN	4.76		T	1.15					T							.51	.55							1.11	.40	.50				.54		
MC KEE	5.25		.05	.15			T									.20	.38		T	T		.09		1.19	.50	.42		.19		2.08		
MIDDLESBORO	7.98		1.51	.21												1.11				.31		.60		1.89	1.70	.46		.19		T		
MONTICELLO	7.46			.13							.03			.08	.39	1.85	.03		.02	.03				1.91	1.01	.81				1.17		
MOUNT VERNON	6.68		.08				.08				T			.44	1.26	.61			T		.46		.33	1.75	.70	.18	T			.81		
ONEIDA	4.30		.20	.70				.38								.15	.07					.05		1.15	.80	.35				.45		
PAINTSVILLE 1 S	2.61		.20	.53			T	.05		T	T			T		.70	T	T		.12				.38	.30					.33		
PIKEVILLE	2.25	.03	.28							T	T		.05		.73	.04			.02				.01	.68	.38				.03			
PINEVILLE 4 NW	6.68		.16	.52						.02						1.72	.45			.20		.14		1.10	1.41	.74				.22		
RAVENNA LOCK 12	4.44			.06			.28	.02		.08		T		.22	.13	.68	.04		.04	.51		.17		1.28	.35	.58		T		T		
SALYERSVILLE 2 SE	4.31		.20	.45	.40					.04						1.44	.10			.12				.50	.34	.19				.53		
SOMERSET 2 N	6.94		.03							.06				.24	.78	.18					.08	.08	.26	2.73	.14	.08	.22			2.06		
STEARNS	5.09	T	.10							.76						.58				.12				*	*	*	*	*	*	5.55	T	
TILFORD	5.31	T	1.65												.79		.87						T	2.00								
TOMAHAWK 1 WSW	5.93		1.25	.68						.10						.58	.15		T	.15				.34	.17	.07	.43			.03		
VANCEBURG	4.53		.62	.09			.25							.38	1.62	.02			T			T	.11	.23	.85	.38						
WEST LIBERTY	2.45		T	.65			T			.08						.21	.15		.02	.10				.61	.13	.22				.28		
WILLIAMSBURG 1 E	5.79									.48						.76	.19			.17		.73		1.89	1.44					.13		
WILLOW LOCK 13	5.07		.10	.08			.25	.08		T						.15	.25		.03	.06		.02		1.50	.20	.11		.04		.42		

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	90	74	81	83	90	96	96	92	87	84	93	91	90	86	72	74	79	83	89	88	86	89	88	88	90	90	91	95	95	97		87.6
	MIN	69	57	42	51	58	61	66	63	63	61	60	73	64	66	60	53	52	59	57	62	61	62	69	67	76	76	78	74	70	74		63.5
BEAVER DAM	MAX	88	86	76	80	85	91	93	93	90	82	90	90	87	85	78	75	78	79	87	90	85	85	85	87	92	91	93	94	92	95		86.7
	MIN	68	56	42	47	58	63	64	63	62	61	65	70	65	65	57	50	50	59	55	60	63	66	66	68	73	71	76	74	65	69		62.4
FORDS FERRY DAM 50	MAX	86	73	79	84	87	94	95	92	73	84	92	90	83	84	70	73	91	80	89	89	83	85	88	89	92	95	92	95	94	96		86.6
	MIN	62	54	47	53	66	65	65	67	61	61	65	67	65	65	58	52	56	60	62	63	60	60	68	69	74	76	77	75	68	76		63.9
GILBERTSVILLE 1 SE	MAX	88	74	81	83	88	94	95	93	85	83	94	91	89	89	77	78	79	82	90	90	85	90	89	89	93	93	93	97	94	98		88.1
	MIN	70	58	46	55	58	65	67	68	64	63	66	72	67	67	58	55	52	61	60	65	64	65	70	68	75	76	78	75	69	75		65.1
GOLDEN POND 8 N	MAX																																
	MIN																																
GREENVILLE 2 W	MAX	87	81	76	78	83	90	93	91	88	81	89	89	88	83	76	74	78	77	86	88	86	85	86	86	91	91	90	93	93	94		85.7
	MIN	69	55	44	49	58	63	65	65	63	61	63	73	65	65	56	52	49	58	58	63	63	65	67	69	71	75	78	74	66	70		63.1
HENDERSON 7 SSW	MAX	87	72	78	82	86	93	95	92	86	84	90	89	84	83	78	74	78	78	87	90	83	82	86	87	91	90	90	95	92	95		85.9
	MIN	70	57	46	49	62	66	70	72	61	60	64	70	64	65	56	51	53	62	64	67	59	66	67	68	74	76	77	77	68	75		64.5
HICKMAN 1 E	MAX	90	83	81	81	87	94	94	91	88	84	92	90	90	86	84	73	79	83	88	87	88	89	86	86	89	89	91	96	96	97		87.7
	MIN	68	56	43	52	60	66	65	64	63	61	61	72	67	65	58	50	50	58	55	62	61	60	68	67	73	75	76	76	69	72		63.1
HOPKINSVILLE	MAX	92	89	75	80	83	88	94	97	93	77	82	93	91	89	77	69	77	81	80	89	90	87	89	87	90	92	91	94	97	95		86.9
	MIN	65	54	46	48	56	55	62	66	65	63	62	67	66	64	66	52	52	53	57	58	64	64	65	67	71	73	73	75	68	67		62.1
LOVELACEVILLE	MAX	87	74	80	83	89	95	95	92	85	84	93	91	90	85	73	76	79	82	89	88	85	89	86	84	91	91	91	96	97	97		87.2
	MIN	69	57	42	51	56	60	60	62	63	60	61	73	68	67	60	50	50	58	55	62	61	62	70	67	72	76	80	73	70	73		62.9
MADISONVILLE 1 SE	MAX	88	82	78	80	84	91	92	92	88	82	90	90	89	85	78	75	79	79	87	88	87	84	86	86	91	91	90	95	93	95		86.5
	MIN	73	56	46	51	61	63	69	73	62	61	63	72	65	64	57	51	51	59	62	64	61	65	64	77	73	75	78	76	67	73		64.4
MAYFIELD RADIO WNGO	MAX	88	80	81	84	88	95	94	94	92	81	94	96	92	87	82	78	84	84	89	91	90	89	93	90	96	96	94	97	98	102		90.0
	MIN	60	59	43	54	58	65	67	69	63	61	61	61	67	66	53	51	51	59	58	55	61	54	62	68	73	74	77	71	76	69		62.2
MURRAY	MAX	88	85	72	78	81	84	90	92	90	76	80	90	88	87	80	69	73	78	79	85	87	86	88	85	85	90	90	90	92	93		84.4
	MIN	70	57	47	56	60	65	69	68	65	63	65	70	66	66	62	54	55	61	60	66	64	65	66	68	68	74	77	75	70	74		64.9
OWENSBORO 2 W	MAX	90	73	72	82	84	93	95	93	83	87	92	89	87	83	77	77	83	76	86	89	86	83	85	86	91	90	90	92	93	95		86.1
	MIN	68	56	45	47	60	63	65	67	61	60	64	72	64	65	59	51	51	61	57	62	59	61	65	68	69	73	75	74	65	72		62.6
PADUCAH FAA AIRPORT	MAX	85	73	80	82	89	95	96	91	69	83	92	88	88	84	73	75	80	81	88	87	83	88	86	86	91	90	90	94	95	96		85.9
	MIN	61	51	50	55	61	67	69	69	63	60	65	70	68	67	56	52	54	61	62	67	62	65	70	68	77	77	79	75	71	70		64.7
PADUCAH	MAX	91	81	80	82	89	95	96	94	92	82	92	92	89	84	83	74	78	81	88	89	89	85	88	87	91	91	90	95	96	95		88.0
	MIN	71	58	47	52	64	68	67	66	63	61	63	71	67	67	59	54	52	60	58	64	62	65	69	67	77	76	80	77	70	71		64.9
PRINCETON 1 SE	MAX	89	78	78	80	84	91	92	92	90	81	90	90	88	87	81	73	79	80	83	88	88	86	88	86	91	91	90	94	95	95		86.6
	MIN	69	56	45	53	59	65	67	69	63	61	66	65	65	65	56	51	53	59	60	68	61	65	67	67	75	74	78	75	67	75		64.0
ROCHESTER LOCK 3	MAX	88	87	72	78	78	84	90	93	90	73	83	89	87	88	78	70	73	78	78	86	87	83	87	83	86	91	89	90	94	90		84.1
	MIN	64	56	46	52	55	60	65	65	64	62	64	69	65	67	67	54	52	53	60	62	63	65	65	68	69	74	77	75	67	69		63.1
RUSSELLVILLE	MAX	89	87	74	78	80	85	91	94	92	76	81	91	89	88	81	71	75	80	79	79	89	85	89	85	89	91	90	92	94	91		85.2
	MIN	69	55	45	50	55	61	66	65	65	61	62	69	67	65	66	50	49	51	61	64	65	66	65	65	62	73	73	74	65	67		62.4
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	88	85	71	78	81	89	90	89	86	81	86	89	85	86	75	73	76	75	85	87	86	79	81	81	88	91	91	92	91	91		84.2
	MIN	69	54	45	43	61	61	65	67	56	56	64	67	63	66	57	48	48	59	59	60	58	64	63	68	69	73	74	72	67	71		61.6
BARDSTOWN NAZARETH COL	MAX	86	85	84	72	81	87	89	89	88	78	86	88	84	84	72	70	74	74	82	84	84	77	78	81	89	89	88	90	90	89		83.1
	MIN	66	50	43	45	59	61	65	69	56	59	64	71	64	65	56	46	46	57	59	61	59	59	62	67	69	72	72	74	69	68		61.1
BARREN RIVER RESERVOIR	MAX	91	91	72	78	82	86	93	96	94	74	82	92	92	87	81	75	74	80	79	88	91	85	83	84	91	95	95	93	95	92		86.4
	MIN	62	59	40	48	49	60	66	63	64	63	65	68	65	66	66	50	50	50	61	62	61	66	66	66	67	75	75	72	67	68		62.0
BOWLING GREEN FAA AP	MAX	89	73	79	84	86	93	96	94	73	82	92	92	89	78	73	74	79	79	90	90	85	89	86	90	92	92	94	95	92	97		86.6
	MIN	67	52	44	52	56	62	68	65	64	62	67	70	65	67	56	52	52	60	61	64	65	64	67	68	70	72	75	70	67	70		63.1
BRADFORDSVILLE	MAX	89	88	69	74	78	85	90	93	92	76	81	88	90	86	79	75	73	78	78	85	88	81	83	83	88	92	91	92	95	85		84.2
	MIN	63	56	40	42	50	57	61	60	61	58	61	71	64	63	66	48	45	57	58	56	63	63	64	66	69	75	74	71	67	66		60.5
CAMPBELLSVILLE 2 SSW	MAX	89	87	74	79	83	90	92	93	91	81	90	91	86	86	74	72	78	77	86	86	86	87	83	87	93	92	94	94	95	95		86.4
	MIN	67	55	44	46	56	61	67	63	62	60	64	70	65	66	61	50	50	58	60	61	64	64	64	67	71	72	74	73	69	70		62.5
CECILIA	MAX	83	81	74	79	84	91	94	93	90	84	89	91	89	86	77	73	78	78	86	88	87	84	84	87	92	90	91	93	94	95		86.2
	MIN	64	55	41	46	54	60	66	63	59	60	63	68	63	67	56	50	48	59	58	57	62	63	64	68	71	73	71	72	69	67		61.2
CLERMONT 1 SSE	MAX	88	88	74	79	85	91	92	93	91	81	89	90	87	87	75	76	78	78	87	89	89	82	82	85	93	93	94	94	93	93		86.5
	MIN	63	55	40	42	55	59	62	63	58	57	63	69	64	66	58	45	45	57	58	57	60	62	63	67	70	71	72	71	66	63		60.0
GLASGOW WKAY	MAX	88	84	75	81	85	91	95	93	88	81	92	91	86	84	76	73	78	78	88	87	84	87	85	89	94	93	94	93	91	96		86.7
	MIN	66	55	43	46	53	62	64	63	64	62	64	69	65	69	57	50	52	59	60	60	65	66	65	72	70	73	72	72	68	68		62.5
GREENSBURG	MAX	91	90	72	77	82	91	94	96	93	75	82	91	92	88	82	74	75	80	78	88	89	83	86	84	90	95	95	94	96	94		86.6
	MIN	64	60	43	47	52	56	63	63	64	63	63	69	65	65	67	50	49	53	58	60	65	65	65	66	68	72	70	73	72	69		62.0
HODGENVILLE-LINCOLN NP	MAX	87		74	79	85	90	94	94	91	81	90	90	85	85	75	72	76	77	86	88	88	80	82	81	92	92	92	93	93	94		85.7
	MIN		55	42	46	54	62	68	69	60	60	64	64	64	68	60	49	49	58	59	60	61	65	64	65	65	65	66	66	69	70		60.9
IRVINGTON	MAX	87	88	76	79	84	89	91	92	89	81	87	89	86	86	77	72	77	78	86	88	87	83	80	83	91	90	91	92	92	93		85.5
	MIN	65	55	42	43	59	60	59	63	61	59	63	73	64	68	56	46	48	61	54	56	62	64	64	68	72	73	75	74	68	68		61.4
LEITCHFIELD 2 N	MAX	89	83	73	87	85	92	95	93	88	83	90	89	87	83	74	74	79	77	87	89	86	85	84	87	91	91	92	95	93	95		86.5
	MIN	62	48	43	39	55	56	68	65	60	60	62	72	64	66	56	50	49	60	58	57	63	63	65	70	72	72	74	74	67	68		61.3
LOUISVILLE	MAX	90	71	74	82	85	93	94	95	75	81	88	92	90	89	77	77	80	79	89	91	92	84	83	85	96	95	95	96	96	96		87.0
	MIN	71	57	51	53	65	65	70	75	59	61	68	76	67	68	57	53	57	64	64	65	63	67	65	70	73	78	73	80	74	75		66.1
LOUISVILLE WB AP	MAX	87	71	72	78	83	89	91	90	71	80	87	89	86	77	71	74	76	75	86	88	80	82	83	83	93	92	92	93	89	92		83.3
	MIN	67	54	46	47	60	63	66	67	60	60	66	71	67	69	56	52	51	61	61	61	63	66	66	70	72	74	75	74	71	72		63.6
MAMMOTH CAVE PARK	MAX	87	84	74	79	83	90	92	91	89	80	88	88	89	85	77	72	77	77	86	86	86	84	85	87	91	89	91	92	92	94		85.5
	MIN	67	55	40	45	55	62	67	62	63	60	63	64	63	64	57	47	46	58	59	58	64	66	64	68	70	73	73	73	66	66		61.3

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NOLIN RIVER RESERVOIR	MAX	88	89	72	76	79	84	92	94	93	75	83	90	89	86	76	72	76	79	77	87	88	84	86	82	87	92	91	93	95	92		84.9
	MIN	60	56	49	43	51	55	60	60	59	61	60	60	64	64	63	55	51	53	50	60	60	60	65	67	68	74	75	71	66	67		60.2
ROUGH RIVER DAM	MAX	89	88	72	75	79	84	92	94	92	79	85	90	88	88	80	71	75	80	75	87	89	84	84	84	87	92	91	92	95	93		85.1
	MIN	69	55	43	47	49	62	67	69	61	59	61	70	64	66	68	49	48	51	60	59	63	63	65	68	68	75	76	75	66	68		62.1
SCOTTSVILLE 3 SSW	MAX	87	83	76	81	86	91	94	91	87	77	90	89	84	82	72	71	77	76	87	87	84	86	85	88	91	90	93	93	87	94		85.3
	MIN	66	55	46	51	56	61	67	69	67	63	67	69	64	67	58	51	52	60	61	65	65	66	65	67	71	74	73	74	67	70		63.6
SUMMER SHADE	MAX	88	81	75	79	83	89	92	90	88	78	89	90	84	80	75	72	77	75	85	86	83	84	83	86	91	90	91	92	90	93		84.6
	MIN	65	54	44	46	52	58	63	62	65	62	65	66	64	68	58	51	51	60	60	64	64	67	65	68	70	73	73	72	67	68		62.2
WOLF CREEK DAM	MAX	90	89	70	76	80	85	88	92	94	81	79	90	90	86	87	80	76	78	76	86	87	85	85	83	87	93	92	93	94	90		85.4
	MIN	57	58	40	42	48	55	57	58	57	59	59	59	59	63	62	51	47	47	60	55	59	58	61	61	62	70	72	72	64	64		57.9
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	87	86	75	77	84	90	92	92	85	80	89	90	87	86	77	72	77	75	84	86	77	80	81	85	92	92	92	94	92	93		85.0
	MIN	61	57	45	47	57	65	68	70	62	60	70	72	62	66	61	50	48	57	62	64	61	64	63	64	70	74	74	76	64	69		62.8
CARROLLTON LOCK 1	MAX	88	86	70	77	81	90	90	90	90	78	85	85	84	84	72	71	74	75	85	88	77	79	81	83	91	91	92	92	92	92		83.8
	MIN	66	56	47	43	62	61	62	65	56	56	62	67	65	69	56	49	51	60	57	62	60	62	66	67	70	74	77	70	65	69		61.7
COVINGTON WB AIRPORT	MAX	90	69	68	78	81	89	86	92	75	81	87	90	83	78	68	73	75	69	85	88	78	79	83	82	91	92	92	91	92	92		82.6
	MIN	68	49	44	44	61	58	65	62	56	55	64	65	65	68	53	50	49	61	61	62	59	60	65	65	69	74	75	69	66	72		61.1
CYNTHIANA 2	MAX	92	90	69	73	80	84	90	93	93	74	80	90	92	86	85	80	74	77	73	86	87	80	82	83	84	92	93	92	93	93		84.7
	MIN	64	56	44	41	53	60	60	68	57	57	60	68	65	60	58	42	45	60	57	57	60	56	60	67	68	72	72	72	63	66		59.6
DANVILLE	MAX	89	87	67	74	79	83	89	93	93	72	79	89	91	83	85	74	72	76	72	84	85	77	80	82	85	91	91	91	92	89		83.1
	MIN	63	64	44	45	46	58	62	67	63	60	60	65	63	63	65	48	48	48	58	62	62	62	63	65	67	71	72	72	69	69		60.8
DIX DAM	MAX	85	87	72	76	81	87	92	93	90	81	88	90	88	85	78	71	75	74	83	85	81	79	82	83	91	91	90	94	86	93		84.4
	MIN	64	58	44	49	55	61	65	66	61	60	64	68	63	66	56	49	49	59	61	63	61	63	63	69	69	72	72	75	65	70		62.0
FALMOUTH 5 WNW	MAX	89	84	69	79	82	89	87	91	89	80	88	91	89	85	78	74	76	75	85	88	79	80	82	83	92	93	92	92	94	93		84.9
	MIN	60	54	39	37	50	54	57	60	54	50	58	64	64	63	56	40	51	58	58	54	55	56	63	61	65	68	72	68	58	64		57.0
FARMERS 1 WNW	MAX	89	78	71	76	82	88	88	91	86	79	88	90	87	88	80	73	77	74	84	87	75	84	83	85	93	93	94	93	91	94		84.7
	MIN	61	57	44	42		59	61	61	59	59	63	64	64	61	62	47	46	58	62	57	62	59	65	67	66	69	70	71	63	65		60.1
FLEMINGSBURG 1 SW	MAX	86	82	70	74	80	87	89	90	86	78	85	89	85	85	75	70	75	72	83	85	75	79	79	82	90	90	91	90	90	92		82.8
	MIN	63	56	43	41	50	59	60	64	56	56	63	67	64	62	58	41	48	57	68	59	59	60	64	66	68	72	71	72	62	66		59.8
FRANKFORT LOCK 4	MAX	89	88	69	73	78	83	90	92	91	71	82	88	90	87	80	73	74	78	73	86	87	78	80	83	84	92	92	92	93	93		83.6
	MIN	63	58	48	44	49	62	62	63	58	59	60	64	65	66	67	48	48	53	58	59	60	61	65	68	70	71	74	75	67	69		61.1
LEXINGTON WB AIRPORT	MAX	87	69	72	76	84	88	91	90	72	81	89	92	84	82	75	72	75	72	84	85	75	80	80	84	90	91	91	91	90	91		82.8
	MIN	68	54	45	50	59	63	65	66	59	60	65	70	66	67	54	49	51	61	63	65	61	63	66	69	70	75	74	70	67	70		62.8
MAYSVILLE SEWAGE PLANT	MAX	89	88	68	70	76	82	89	89	91	76	80	87	90	86	83	74	73	77	73	86	89	89	81	83	84	90	94	93	93	92		83.8
	MIN	58	60	44	46	47	57	61	62	56	56	56	64	65	66	66	49	49	50	62	60	58	58	60	66	67	68	73	73	64	67		59.6
MOUNT STERLING	MAX	88	84	73	76	83	90	90	93	92	76	85	89	89	85	76	70	77	76	89	87	82	81	81	83	92	92	92	93	91	92		84.9
	MIN	65	57	45	46	53	62	65	65	59	59	63	70	65	65	61	49	49	59	62	64	61	61	63	67	69	71	72	75	65	68		61.8
OWENTON 2 S	MAX	88	86	70	86	82	89	90	91	91	79	86	92	86	85	75	74	80															
	MIN	60	56	42	40	52	51	60	62	55	55	59	64	65	64	58	44	45															
RICHMOND	MAX	90	88	67	74	77	84	89	93	93	71	78	89	89	83	87	76	72	76	75	84	87	80	81	81	84	92	92	92	93	91		83.6
	MIN	65	61	42	47	53	59	64	64	62	59	62	67	62	63	64	48	49	55	60	61	61	62	63	65	65	72	72	73	72	69		61.4
SHELBYVILLE	MAX	87	85	68	71	77	84	88	91	89	70	79	85	88	84	77	70	72	75	71	84	85	79	79	79	80	91	89	90	92	88		81.6
	MIN	64	56	45	45	49	59	62	66	57	56	57	66	64	64	66	49	50	56	58	61	59	59	64	66	68	71	73	72	67	70		60.6
WARSAW MARKLAND DAM	MAX	89	88	70	70	78	81	89	88	90	74	80	86	89	85	78	68	74	76	89	85	87	79	81	83	84	93	92	92	91	93		83.4
	MIN	60	59	47	43	43	44	60	64	58	57	56	60	65	65	63	46	49	50	59	54	54	61	62	65	67	66	70	71	64	66		58.3
WAYNESBURG 7 NE	MAX	85	77	72	76	81	87	91	89	84	79	86	89	84	84	74	70	75	74	84	82	80	79	80	85	90	89	90	91	87	91		82.8
	MIN	65	53	41	45	51	59	64	63	61	58	64	66	61	65	56	48	49	58	56	59	61	63	62	62	65	70	70	71	63	67		59.9
WILLIAMSTOWN 3 NW	MAX	86	85	68	77	80	87	89	89	87	79	85	90	90	80	72	72	75	70	84	87	76	79	80	81	90	90	90	92	92	91		83.1
	MIN	65	54	43	45	60	62	63	67	54	55	64	67	64	68	56	48	52	60	61	64	56	60	64	67	70	74	74	73	66	70		61.5
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	90	91	80	71	76	83	90	87	92	71	79	86	91	87	89	82	74	78	76	86	89	75	86	82	85	87	95	95	91	93		84.6
	MIN	61	63	42	41	41	50	57	60	60	57	59	63	65	61	66	50	46	45	59	57	57	56	61	64	66	67	70	73	63	65		58.2
BARBOURVILLE	MAX	90	88	75	75	79	83	89	92	92	80	80	88	89	89	86	82	68	80	77	86	87	86	85	80	84	91	92	94	93	93		85.1
	MIN	60	60	43	43	43	51	56	60	60	62	63	63	63	64	64	55	49	50	58	57	57	64	64	64	65	65	65	68	63	64		58.8
BAXTER	MAX	90	85	72	72	76	82	86	88	91	75	79	88	88	90	90	80	73	80	79	85	85	86	87	79	84	90	92	92	93	94		84.4
	MIN	56	59	41	40	43	49	53	57	60	61	60	60	60	62	63	56	51	51	58	57	57	63	61	63	67	68	68	67	64	66		58.0
BLAINE	MAX	92	91	78	72	76	83	91	90	91	73	79	88	92	91	88	90	75	80	77	86	89	75	89	83	84	89	95	95	92	91		85.5
	MIN	55	61	42	40	40	47	56	60	61	59	59	61	60	58	67	51	44	44	58	53	53	56	56	63	62	63	64	67	60	61		56.0
CUMBERLAND	MAX	87	76	72	77	87	87	91	94	86	80	90	89	90	92	89	74	80	80	86	87	83	87	81	87	93	94	92	93	93	94		86.4
	MIN	55	55	39	39	38	49	56	56	60	57	62	63	59	58	63	54	48	55														
DEWEY DAM	MAX	85	90	77	75	79	85	91	91	94	67	78	90	91	90	92	83	74	80	78	80	84	86	90	85	85	93	96	95	96	93		85.8
	MIN	60	63	43	44	46	48	58	59	63	62	61	61	65	63	64	56	49	49	59	59	59	60	60	61	63	65	66	69	66	65		58.9
GRAYSON 5 SE	MAX	92	91	75	72	76	83	91	89	94	72	78	87	90	90	91	82	73	78	75	85	88	74	86	82	83	87	93	94	92	94		84.6
	MIN	58	61	42	41	42	50	58	60	60	59	58	61	62	60	62	48	45	47	57	56	57	56	59	64	67	64	65	70	61	62		57.1
HEIDELBERG LOCK 14	MAX	89	87	73	77	83	89	92	93	93	79	88	89	89	87	78	79	77	79	86	87	81	84	79	83	93	93	92	93	94	93		86.0
	MIN	61	59	41	40	45	59	61	60	63	62	61	61	64	62	64	51	46	51	60	55	65	60	64	63	66	66	67	69	63	66		59.2
HINDMAN 11 NNE	MAX	91	89	78	75	77	83	89	92	92	66	80	88	90	90	91	83	68	79	80	86	90	89	90	81	85	94	92	94	93	90		85.5
	MIN	56	61	41	39	44	53	57	60	62	61	57	58	60	60	66	55	49	53	53	53	55	56	58	62	64	66	67	67	61	62		57.2
HYDEN	MAX	91	89	78	74	77	83	89	92	93	75	81	90	89	89	91	82		81	80	86	85	84	88	83	87	93	94	94	93			86.1
	MIN	60	60	43	42	42	50	54	61	60	62	60	59	59	61	64		51	51	59	56	55	64	63	63	64	65	67	64	63			57.9
JACKSON	MAX											86	87	89	88	89	82	72	79	77	86	88	79	88	82	91	97	95	96	96	95		
	MIN											61	63	64	62	62	55	48	48	59	58	58	59	59	64	64	66	68	71	64	64		

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LONDON FAA AP	MAX	86	72	73	77	82	88	92	92	71	78	86	87	86	85	77	69	77	76	85	85	83	84	82	85	91	90	92	90	89	92		83.4
	MIN	61	56	41	43	50	58	63	62	59	63	66	65	65	65	58	53	46	59	62	58	64	64	64	67	66	68	70	67	64	65		60.4
MANCHESTER 4 SE	MAX	88	75	72	75	81	87	90	90	88	88	87	88	87	88	81	80	78	78	85	87	83	86	80	84	91	92	90	92	89	91		85.0
	MIN	55	57	41	40	47	56	62	59	59	63	61	60	62	62	63	55	48	56	63	53	63	62	63	64	64	64	67	67	62	64		58.7
MC KEE	MAX	90	87	67	74	71	83	88	91	92	67	80	87	90	84	85	85	71	78	74	78	84	78	81	82	85	93	93	94	92	93		83.2
	MIN	57	59	39	38	39	46	59	58	57	60	61	51	60	62	61	48	43	44	56	54	54	58	60	64	64	64	65	67	69	64		56.4
MIDDLESBORO	MAX	87	86	72	74	77	80	87	91	91	84	76	82	88	87	88	82	82	81	77	84	83	86	82	77	79	89	91	91	92	92		83.9
	MIN	57	57	43	42	42	50	52	56	60	62	62	62	62	62	63	57	50	52	57	55	56	63	64	63	65	64	66	68	64	63		58.0
MONTICELLO	MAX	87	83	75	79	83	88	92	93	88	77	90	90	87	85	86	75	79	77	85	86	86	84	83	86	92	92	92	92	89	94		85.8
	MIN	64	56	44	44	51	58	62	61	64	62	68	70	64	66	59	51	48	57	61	61	63	67	64	67	68	73	72	69	66	67		61.6
MOUNT VERNON	MAX	88	85	74	78	83	89	92	92	89	80	88	91	85	85	76	73	77	78	84	85	80	81	81	86	92	92	93	92	92	91		85.1
	MIN	64	55	42	42	52	60	63	64	64	60	66	68	63	66	61	49	45	58	63	62	64	64	63	66	69	72	70	73	63	65		61.2
PIKEVILLE	MAX	87	80	77	80	87	92	94	96	82	82	92	92	93	94	88	82	80	82	89	90	80	91	85	88	97	97	97	95	93	96		88.6
	MIN	62	57	45	45	45	57	62	66	66	63	62	63	64	63	67	57	54	59	64	59	65	63	65	64	67	68	71	71	67	67		61.6
SOMERSET 2 N	MAX	88	86	74	76	81	89	93	91	87	78	88	89	88	85	78	72	78	77	85	86	82	82	82	86	92	92	91	93	91	93		85.1
	MIN	61	56	41	41	47	56	58	59	62	59	60	60	59	60	57	43	45	56	55	58	62	59	58	69	66	67	68	67	63	65		57.9
STEARNS	MAX	82	89	82	79	78	87	85	91	90	80	89	86	87	85	84	87	69	75	78	83	81								91	90		83.8
	MIN	59	61			50	53	59	64	63	61	65	64	62	65	63	53	48	53	61	59	59								68	62		59.6
TOMAHAWK 1 WSW	MAX	90	88	75	73	76	82	88	89	92	67	78	88	89	88	89	82	72	78	78	84	88	73	87	82	84	91	93	95	92	90		84.0
	MIN	56	61	42	39	39	45	55	63	60	58	58	59	59	58	61	54	44	44	56	53	53	56	62	58	59	60	60	65	60	59		55.2
VANCEBURG	MAX	88	73	71	77	82	90	88	89	86	80	87	91	89	85	79	79	77	75	86	87	84	80	79	84	87	94	94	91	96	93		84.7
	MIN	51	50	38	35	42	53	52	57	55	53	55	59	59	58	56	45	41	55	55	53	57	54	59	62	61	64	65	64	66	61		54.5
WEST LIBERTY	MAX	90	89	75	73	76	83	90	90	92	72	80	88	91	88	89	81	75	80	76	86	88	77	85	83	86	95	94	94	92	93		85.0
	MIN	61	61	42	42	42	47	60	60	61	58	58	61	61	63	63	50	44	44	58	54	54	58	58	62	62	64	68	70	62	62		57.0
WILLIAMSBURG 1 E	MAX	87	84	75	78	83	88	93	92	83	76	87	88	87	81	80	78	80	78	86	85	85	87	79	80	90	92	92	89	90	93		84.9
	MIN	62	57	44	46	54	56	58	61	62	64	67	64	65	66	64	50	49	57	64	56	65	66	63	66	67	69	69	65	64	65		60.8

SUPPLEMENTAL DATA

Station	Wind (Speed - m.p.h.)						Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EASTERN STANDARD TIME 1 AM	7 AM	1 PM	7 PM	Trace	.01–.09	.10–.49	.50–.99	1.00–1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	21	3.2	9.0	40++	26	12	83	86	62	63	2	6	2	4	1	0	15	-	6.7
LEXINGTON WB AIRPORT	21	4.6	8.8	25++	22	24	77	80	59	59	1	3	9	1	1	0	15	-	6.6
LOUISVILLE WB AIRPORT	21	3.3	8.8	40	NW	22	81	82	60	59	4	5	4	1	1	0	15	68	6.2

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN NAZARETH COL																																		
	4	MAX	77	73	71	70	71	75	79	74	73	71	77	78	80	80	75	76	74	76	73	74	74	76	74	74	77	81	81	83	85	81		76.1
		MIN	73	70	64	64	56	69	72	73	71	69	71	71	73	75	73	67	67	71	69	71	71	71	71	72	74	76	76	76	78	77		71.4
	20	5PM	68	63	67	67	66	67	57	69	70	69	69	70	70	71	71	70	69	69	69	69	69	70	70	70	70	71	72	73	74	74		69.6
BEREA COLLEGE																																		
	4	MAX	75	76	77	74	71	74	75	76	72	72	77	76	76	74	72	71	72	72	73	73	72	73	72	75	77	79	79	81	81	81		74.9
		MIN	73	70	67	65	67	69	69	72	69	71	72	72	74	72	69	69	68	70	70	70	71	72	70	72	75	76	77	76	77	78		71.5
	20	5PM	66	66	67	67	67	67	68	68	69	69	69	69	69	70	70	70	69	69	69	69	70	70	70	70	70	71	71	72	73	73		69.2
CAMPBELLSVILLE 2 SSW																																		
	4	MAX	75	70	70	70	72	74	76	76	72	72	76	76	75	73	75	72	75	71	76	76	75	80	75	78	82	82	83	85	86	86		76.1
		MIN	70	68	63	62	64	63	70	70	70	69	70	72	70	72	72	66	66	69	69	70	70	73	70	72	75	75	77	79	84	78		70.6
	20	5PM	66	66	65	65	65	65	66	67	67	67	67	67	67	68	68	67	67	67	67	67	67	68	69	69	70	70	72	72	74	73		67.8
CUMBERLAND GAP PARK																																		
	4	MAX	76	74	70	71	72	73	75	76	76	76	77	81	77	78	77	75	73	74	76	71	76	76	75	72	78	79	80	81	82	81		75.9
		MIN	70	68	65	65	65	67	70	70	70	71	71	76	71	72	72	70	66	69	69	65	71	72	67	70	70	73	74	76	75	75		70.2
	20	5PM	-	-	-	-	-	-	-	-	-	-	69	70	70	70	70	70	70	69	69	69	70	70	70	69	70	71	71	72	73	73		-
FLEMINGSBURG 1 SW																																		
	4	MAX	74	73	66	68	68	73	75	72	77	71	73	75	76	76	72	71	72	72	70	71	72	71	70	70	73	80	75	77	78	77		72.9
		MIN	66	66	60	59	61	63	66	68	68	65	67	68	68	69	69	62	63	67	64	65	66	66	66	67	68	73	72	73	72	72		66.6
	20	6PM	62	64	63	62	62	63	64	64	65	65	65	65	66	66	67	66	66	66	66	66	66	66	66	66	66	67	68	68	69	70		65.5
GLASGOW KAY																																		
	4	MAX	77	77	73	73	74	76	76	78	78	74	78	78	78	78	76	74	75	75	77	75	76	76	76	77	80	82	82	82	82	83		77.2
		MIN	73	71	66	67	67	69	71	72	72	70	71	73	72	74	73	68	68	71	71	72	73	70	73	73	74	76	77	78	78	78		72.0
	20	6PM	68	68	67	67	67	67	67	68	68	68	68	69	69	69	69	68	68	68	69	69	69	69	69	70	71	71	72	73	73	73		69.0
GREENVILLE 2 W																																		
	4	MAX	82	80	76	76	77	78	81	81	82	78	79	79	80	81	78	77	78	78	76	78	78	78	77	77	79	80	82	86	88	90		79.7
		MIN	76	73	69	70	70	72	74	75	75	73	74	75	74	76	74	75	72	74	72	74	74	62	73	74	77	77	78	78	80	82		74.1
	20	5PM	69	70	69	68	68	68	69	69	70	70	70	70	70	70	70	71	70	70	70	70	70	70	70	71	72	72	72	73	74	75		70.3
HENDERSON 7 SSW																																		
	4	MAX	77	77	75	73	75	78	79	79	79	77	78	78	77	78	78	75	75	75	75	77	78	78	76	78	80	80	80	83	83	84		77.8
		MIN	75	73	69	69	70	72	74	75	74	72	74	76	74	75	75	70	70	73	73	74	75	75	74	76	77	78	79	80	81	81		74.4
	20	6PM	68	68	67	67	67	67	68	69	69	68	69	69	70	70	70	69	68	68	68	69	69	69	70	70	71	72	72	73	73	74		69.4
IRVINGTON																																		
	4	MAX	79	79	73	74	76	78	79	82	80	75	77	79	81	81	76	73	76	75	75	78	79	78	74	74	79	81	81	83	83	83		78.0
		MIN	72	70	68	63	67	73	70	72	71	68	71	74	73	75	73	65	65	70	67	69	71	72	72	73	73	76	77	77	76	76		71.3
	20	4PM	65	66	65	64	64	65	65	66	66	66	66	66	67	67	67	66	66	66	66	66	66	67	67	67	67	67	69	70	71	71		66.6
LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	85	73	77	85	88	91	97	99	81	90	93	96	91	84	78	81	86	73	84	86	80	80	79	84	89	91	89	92	94	93		86.3
		MIN	68	63	51	52	59	62	65	67	67	64	66	69	67	68	57	53	54	63	63	63	64	64	65	68	70	72	71	74	70	72		64.4
	2	MAX	83	72	74	82	84	87	93	93	77	84	89	91	88	91	76	77	81	71	82	84	78	78	77	81	88	87	86	89	90	89		83.1
		MIN	69	65	54	55	60	64	66	68	68	65	67	70	68	69	60	55	56	64	63	64	65	65	66	69	70	72	72	74	72	73		65.6
	4	MAX	80	71	71	76	79	81	85	87	75	78	83	85	83	77	74	73	76	70	76	79	75	75	74	77	82	83	82	85	85	85		78.7
		MIN	71	68	57	58	62	66	68	70	69	66	68	71	69	71	64	59	59	65	64	65	67	67	67	69	71	73	73	75	73	75		67.3
	8	MAX	76	71	69	70	72	74	78	79	72	74	76	78	77	73	72	70	71	69	72	74	72	72	71	74	77	78	78	80	80	80		74.3
		MIN	71	69	62	62	64	67	69	71	70	68	69	72	71	71	68	63	63	67	66	67	69	68	68	69	71	73	74	75	75	76		68.9
(SOD)	1	MAX	76	70	70	71	72	77	79	79	71	75	77	79	80	77	74	73	76	71	75	77	75	75	74	76	81	82	82	84	84	83		76.5
		MIN	69	67	61	61	63	66	68	69	68	66	67	70	69	71	66	69	64	67	67	67	69	68	69	70	72	74	74	75	74	74		68.5
	2	MAX	75	70	69	70	71	75	77	78	71	74	76	78	79	76	73	73	75	70	75	76	74	74	73	76	80	81	81	83	83	82		75.6
		MIN	69	67	62	61	63	66	68	69	68	66	68	70	69	71	67	70	65	68	67	67	69	69	69	70	72	74	74	75	74	75		68.7
	4	MAX	74	69	68	69	70	73	75	76	70	72	74	76	77	74	72	72	73	70	73	74	73	73	72	74	78	79	79	80	81	80		74.0
		MIN	69	68	63	62	64	66	68	69	68	66	68	70	69	71	68	71	65	68	67	68	69	69	69	70	72	72	74	75	74	75		68.9
	8	MAX	71	69	68	67	68	70	71	72	70	70	71	72	73	72	71	72	70	69	71	72	71	71	71	72	74	76	76	77	77	77		71.7
		MIN	69	68	65	64	65	66	68	69	69	67	68	70	70	71	69	70	66	68	67	68	69	69	69	70	71	74	74	75	75	75		69.3

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM (SOD)	20	7PM	66	66	66	65	65	65	66	66	67	67	67	67	67	68	68	68	67	67	67	67	68	68	68	68	68	69	70	71	71	72		67.5
	40	7PM	61	61	62	62	62	61	61	62	62	63	63	63	63	63	64	64	64	64	64	64	64	64	64	64	64	65	65	65	66	66		63.3
MAYFIELD RADIO WNGO	4	MAX	80	85	80	81	84	86	83	83	85	82	95	87	87	82	79	87	80	82	81	84	85	88	85	84	86	89	89	90	91	91		84.7
		MIN	76	80	78	60	74	76	79	80	77	75	76	80	80	79	76	72	73	75	80	-	79	74	78	80	81	82	83	84	84	84		77.8
	20	5PM	-	73	72	72	72	72	81	81	74	74	74	74	75	81	77	74	74	74	74	79	80	79	74	74	76	77	78	79	80	79		76.0
PRINCETON 1 SE	4	MAX	83	84	76	76	84	81	83	84	92	78	80	80	81	92	79	75	78	78	79	98	81	83	78	80	93	84	84	86	87	88		81.5
		MIN	78	72	67	70	59	72	74	76	75	73	73	76	74	75	73	69	68	69	71	66	75	75	75	76	78	79	79	80	80	82		73.7
	20	5PM	70	70	69	69	-	69	70	71	72	71	71	71	71	72	71	70	70	70	70	-	71	72	72	72	72	73	74	74	75	75		71.3
QUICKSAND	4	MAX	83	84	74	74	76	79	82	83	85	75	78	83	83	85	81	80	79	80	78	79	80	76	76	76	82	84	85	85	80	86		80.4
		MIN	74	73	65	64	65	69	71	74	75	71	71	73	75	75	75	71	68	73	70	70	73	71	70	72	74	77	75	79	76	78		72.2
	20	4PM	70	71	69	68	68	68	70	70	72	71	71	71	72	73	73	72	71	71	71	73	72	71	71	71	72	73	74	75	75	76		71.5
SANDY HOOK 5 W	4	MAX	79	78	76	71	71	75	77	78	78	71	75	78	79	80	77	73	73	75	74	76	74	76	74	75	79	81	81	81	82	81		76.6
		MIN	71	69	61	66	63	66	69	70	71	67	68	71	72	77	72	67	65	68	63	69	67	68	69	70	72	75	76	77	74	75		69.6
	20	6PM	66	67	65	65	64	65	65	67	67	66	66	67	68	69	69	68	67	67	67	68	67	68	68	68	68	70	70	71	71	71		67.5
SOMERSET 2 N	1	MAX	82	80	71	75	77	81	84	84	81	73	79	81	80	78	79	79	78	78	79	78	78	79	77	75	83	84	85	86	86	87		80.0
		MIN	72	71	64	64	65	69	72	67	73	70	70	72	72	74	71	68	71	70	69	70	72	72	69	72	72	76	77	77	76	76		71.1
	4	MAX	78	79	73	73	75	78	80	81	79	73	76	79	79	76	77	78	76	77	77	77	77	78	76	76	80	82	83	83	84	85		78.2
		MIN	72	72	65	65	67	70	74	72	73	71	70	72	72	74	71	68	67	71	69	70	72	72	69	71	72	75	76	77	76	76		71.4
	20	6PM	70	70	70	69	74	69	70	71	71	71	71	71	71	72	74	71	71	71	71	71	71	72	71	71	72	73	74	75	76	76		71.7
WILLIAMSTOWN 3 NW	4	MAX	71	70	68	65	68	71	74	75	75	73	74	75	75	76	74	73	73	73	72	74	74	75	72	73	76	77	78	79	80	80		73.8
		MIN	69	68	65	62	63	66	69	71	70	69	70	72	72	74	72	68	68	70	69	70	71	72	72	71	72	75	76	76	76	77		70.5
	20	6PM	63	64	64	63	63	63	64	64	65	65	65	65	66	67	67	67	67	67	67	67	67	67	67	67	67	68	69	69	70	70		66.1

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

EVAPORATION AND WIND

Station		Day Of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.37	.22	.20	.47	.13	.39	.38	.10	.22	.28	.17	.24	.23	-	-	.09	.19	.29	.09	.36	.24	.26	-	-	.19	.41	.38	.31	.42	.26		7.958
	WIND	78	92	72	53	72	74	67	53	54	40	27	71	69	42	45	43	0	63	46	54	48	32	81	8	116	88	110	84	53	32		1767
	MAX	98	89	84	80	85	75	95	97	95	84	89	95	95	95	90	72	85	87	85	90	90	94	85	86	90	96	95	93	105	100		90.0
	MIN	59	55	47	45	55	55	60	72	55	65	55	70	65	74	65	51	55	60	55	65	65	65	68	69	72	73	74	70	63	75		62.6
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.24	.41	.12	.33	.19	.29	.34	.35	.36	.18	.08	.29	.43	-	.35	.12	.17	.23	.09	.41	.10	.10	-	.20	.29	.26	.26	.42	.21	.24		7.568
	WIND	40	83	61	72	31	57	59	40	51	23	20	51	51	30	24	43	28	18	36	42	36	19	64	57	59	54	63	59	46	21		1336
WOLF CREEK DAM	EVAP	.26	.17	.20	.13	.28	.35	.13	.19	.33	.17	.10	.25	.30	.07	-	.25	.19	.20	.11	.20	-	-	-	.17	-	.21	.17	.24	.24	.16		6.088
	WIND	10	20	17	25	12	21	20	12	15	27	13	25	30	14	12	23	25	13	19	13	14	15	21	29	19	17	23	16	22	9		55.
	MAX	99	96	76	85	87	92	90	92	101	86	83	97	97	97	86	79	86	89	78	94	93	90	92	83	89	98	99	99	102	97		91.1
	MIN	65	56	53	52	52	58	54	54	65	66	66	65	66	63	67	59	59	59	66	66	67	65	66	67	61	70	72	73	63	72		62.9
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	-	*	.45	.26	.20	.30	.34	.21	.41	.11	.13	.20	.22	.16	.25	.18	.27	.18	.11	.20	.26	*	.49	.02	.21	.30	.30	.29	*	.55		6.838
	WIND	*	49	56	58	15	42	63	18	67	45	22	29	44	20	23	60	*	76	17	34	44	*	100	37	38	35	35	31	*	69		1127
	MAX	-	98	70	78	84	88	91	94	96	74	84	95	90	92	-	79	82	87	74	90	90	-	82	82	87	99	99	99	-	99		87.8
	MIN	-	63	50	51	57	62	66	68	65	63	62	68	66	65	-	53	54	58	64	67	67	-	65	65	72	75	75	75	-	71		64.1
* * * EASTERN 04																																	
BUCKHORN	EVAP	.28	.26	.14	.28	.16	.21	.29	.04	.42	.08	.08	.18	.13	.25	.07	.19	.07	.19	.14	.28	.11	-	-	.05	.13	.24	.22	.40	.09	.20		5.558
	WIND	16	24	42	43	16	41	35	28	22	22	16	27	17	6	28	41	17	14	31	43	19	16	38	47	38	31	21	34	23	13		809
	MAX	98	95	76	80	86	89	70	97	99	72	83	90	98	98	95	87	71	92	81	91	92	86	87	82	85	101	100	98	98	102		89.3
	MIN	67	68	54	53	54	58	54	57	68	65	65	67	69	60	60	60	60	59	65	64	64	62	67	66	71	72	75	62	62	68		63.2
DEWEY DAM	EVAP	.20	.26	.02	.18	.16	.19	.07	.23	.29	.06	.05	.08	.28	.09	.25	.15	.09	.16	.06	.12	.56	.12	-	-	-	.10	-	.17	.14	-		4.908
	WIND	11	13	15	23	8	15	12	2	11	10	0	21	13	16	6	21	11	11	5	8	7	16	25	20	7	6	12	16	5	9		355
	MAX	79	72	80	80	85	89	95	99	102	70	80	95	98	99	98	89	75	91	82	80	90	89	89	87	86	98	102	102	100	102		89.4
	MIN	69	62	53	52	55	64	65	72	70	67	64	66	69	69	70	62	57	56	63	60	57	57	58	67	67	73	72	74	70	70		64.3

See Reference Notes Following Station Index

CLIMATOLOGICAL DATA

KENTUCKY
JUNE 1969
DELAYED DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
APRIL 1969																							
CYNTHIANA 2	68.8M	40.4M	54.6M		83	18	13	1	318	0	0		0	3.86		1.70	19	.0	0		7	3	1

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																
JANUARY 1969																																
CUMBERLAND FALLS ST PK	2.09			.20			.02	.10		.11								.08	.21	.27	.82	.08	T	.03	T			.12			.05	
MUNFORDVILLE	4.62			.31			.32	.08		T								.14	.49	.23	.45	.22	.06	.12	.17	T		T	.08	1.10	.52	.33
* * *																																
FEBRUARY 1969																																
MUNFORDVILLE	2.12	.31	.05	T			.37	.31	T								.67	.05	.02					.34	T							
* * *																																
MARCH 1969																																
ELKHORN CITY	-						T	.55	.05	.35	.10	.08	.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRENCHBURG	2.04	*	*	*	*	*	*	.84	*	*	*	*	.40									.01			.12	*	*	*	*	*	.67	
* * *																																
APRIL 1969																																
CYNTHIANA 2	3.86			.12		.06					.55	T			.22	.67			.40	1.70	T		T						.14			

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
APRIL 1969																																	
CYNTHIANA 2	MAX	45		60	68	78	74		77	80		70	65		77	57	60	79	83	73	55	65	68	65	58	65	71	78	80	70			68.8
	MIN	13	36		42	50	27			40	46	34	35	34		52	50	46	56	41	30	40	41	40	35	32	45	45	58	42			40.4

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
SEPTEMBER 1962–FEBRUARY 1969	STATION INDEX	EASTERN 04	MOUNT VERNON	ELEVATION 1160
FEBRUARY & MARCH 1969	ALL TABLES	EASTERN 04	GRAYSON 3 SE	CORRECT STATION NAME GRAYSON 5 SE
FEBRUARY & MARCH 1969	DAILY SOIL TEMPERATURES	EASTERN 04	SANDY HOOK 5 NE	CORRECT STATION NAME SANDY HOOK 5 W

STATION INDEX

KENTUCKY
JUNE 1969

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA M. NEWKIRK
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
#COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		7A			OTHO KELLER
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	768		7A			RONALD G ROWE
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	790	7A	7A			LEE BACK
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1155		5P			BEGIE BREEDING SR.
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			PORTER WALLACE, JR.
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.+E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER' GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 16	85 53	625		7A		C	JAMES W. STEWART
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 W	7165	04	ELLIOT	1	38 07	83 13	1105				G	WILLIAM ADKINS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	04	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

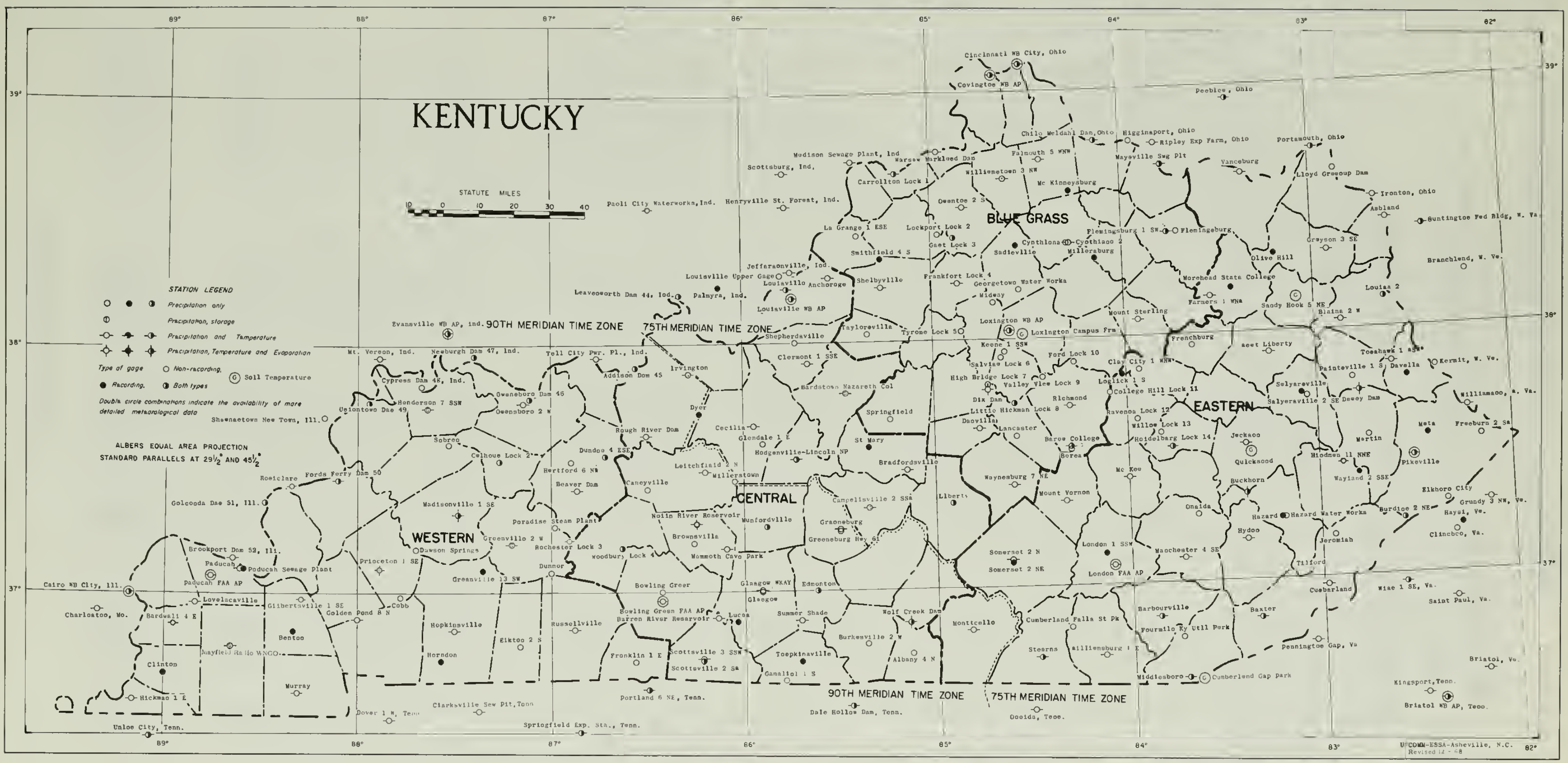
Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE -8/5/69-840


KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
✧ ✦ ✦ Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording.
● Recording. ◑ Both types
Ⓖ Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
BLUE GRASS
EASTERN
CENTRAL
WESTERN
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
39°
38°
37°
89°
88°
87°
86°
85°
84°
83°
82°
Cincinnati WB City, Ohio
Covington WB AP
Peebles, Ohio
Chilo Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Ironton, Ohio
Huntington Fed Bldg, W. Va.
Branchland, W. Va.
Madison Sewage Plant, Ind
Scottsburg, Ind.
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
Jeffersonville, Ind.
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Evansville WB AP, Ind.
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Cypress Dam 48, Ind.
Shawneetown New Town, Ill.
Golconda Dam 51, Ill.
Brookport Dam 52, Ill.
Cairo WB City, Ill.
Charleston, Mo.
Union City, Tenn.
Dover 1 N, Tenn.
Clarksville Sew Plt, Tenn
Springfield Exp. Sta., Tenn.
Portland 6 NE, Tenn.
Dale Hollow Dam, Tenn.
Ooolda, Tenn.
Kingsport, Tenn.
Bristol WB AP, Tenn.
Bristol, Va.
Saint Paul, Va.
Wise 1 SE, Va.
Pennington Gap, Va
Clintwood, Va.
Haysi, Va.
Grundy 3 NW, Va.
Williamson, W. Va.
Kermit, W. Va.
Warsaw Markland Dam
Carrollton Lock 1
Williamstown 3 NW
Falmouth 5 WNW
Mc Kinneysburg
Maysville Swg Plt
Vanceburg
Lloyd Greenup Dam
Ashland
Grayson 3 SE
Louisa 2
Olive Hill
Fleminsburg 1 SW
Flemingsburg
Cynthiana
Cynthiana 2
Millersburg
Owenton 2 S
Lockport Lock 2
Gest Lock 3
La Grange 1 ESE
Smithfield 4 S
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Sadieville
Midway
Louisville Upper Gage
Louisville
Anchorage
Louisville WB AP
Taylorsville
Tyrone Lock 5
Lexington WB AP
Lexington Campus Frm
Morehead State College
Farmers 1 WNW
Sandy Hook 5 NE
Blaine 2 W
Mount Sterling
Frenchburg
West Liberty
Shepherdsville
Clermont 1 SSE
Bardstown Nazareth Col
Springfield
Keene 1 SSW
Salvisa Lock 6
High Bridge Lock 7
Valley View Lock 9
Ford Lock 10
Clay City 1 WNW
Lolick 1 S
College Hill Lock 11
Richmond
Dix Dam
Little Hickman Lock 8
Danville
Lancaster
Berea College
Berea
Ravenna Lock 12
Willow Lock 13
Heidelberg Lock 14
Paintsville 1 S
Davella
Tomahawk 1 SSW
Salyersville
Salyersville 2 SE
Dewey Dam
Meta
Freeburn 2 SW
Martin
Hindman 11 NNE
Pikeville
Wayland 2 SSE
Elkhorn City
Burdine 2 NE
Jeremiah
Jackson
Quicksand
Buckhorn
Hazard
Hazard Water Works
Hyden
Tilford
Cumberland
Baxter
Oneida
Manchester 4 SE
Barbourville
Pourmilo Ky Util Park
Middlesboro
Cumberland Gap Park
Mc Kee
Mount Vernon
London 1 SSW
London FAA AP
Cumberland Falls St Pk
Williamsburg 1 E
Stearns
Somerset 2 N
Somerset 2 NE
Waynesburg 7 NE
Liberty
Bradfordsville
St Mary
Campbellsville 2 SSW
Greensburg
Greensburg Hwy 61
Hodgenville-Lincoln NP
Glendale 1 E
Cecilia
Dyer
Irvington
Rough River Dam
Addison Dam 45
Leitchfield 2 N
Millerstown
Caneyville
Hartford 6 NW
Dundee 4 ESE
Beaver Dam
Owensboro Dam 46
Owensboro 2 W
Henderson 7 SSW
Uniontown Dam 49
Sebree
Calhoun Lock 2
Fords Ferry Dam 50
Rosiclare
Madisonville 1 SE
Greenville 2 W
Paradise Steam Plant
Rochester Lock 3
Woodbury Lock 4
Dunmor
Dawson Springs
Princeton 1 SE
Greenville 13 SW
Nolin River Reservoir
Munfordville
Brownsville
Mammoth Cave Park
Glasgow WKAY
Glasgow
Edmonton
Summer Shade
Bowling Green
Bowling Green FAA AP
Barren River Reservoir
Lucas
Franklin 1 E
Scottsville 3 SSW
Scottsville 2 SW
Tompkinsville
Gamaliel 1 S
Burkesville 2 W
Albany 4 N
Wolf Creek Dam
Monticello
Russellville
Elkton 2 S
Hopkinsville
Herndon
Cobb
Golden Pond 8 N
Gilbertsville 1 SE
Benton
Murray
Mayfield Radio WNGO
Lovelaceville
Paducah
Paducah Sewage Plant
Paducah FAA AP
Bardwell 4 E
Clinton
Hickman 1 E
USCOMM-ESSA-Asheville, N.C.
Revised 12 - 68

.05
E

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY

JULY 1969

Volume 64 No. 7

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CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet			No. of Days		
										Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	92.1	68.9	80.5		98	5	58	29	0	23	0	0	0	3.09		1.01	8	.0	0		5	3	1
BEAVER DAM	89.8	67.3	78.6		95	5	56	30	0	20	0	0	0	3.31		1.20	22	.0	0		5	2	1
FORDS FERRY DAM 50	89.9	70.5	80.2		97	5	62	29	0	19	0	0	0	2.67	- .49	.63	1	.0	0		8	2	0
GILBERTSVILLE 1 SE	91.6	70.3	81.0		98	5	60	29	0	24	0	0	0	3.45		.65	7	.0	0		9	4	0
GOLDEN POND 8 N	91.3	70.7	81.0		97	6	62	3	0	22	0	0	0	2.69		.65	9	.0	0		7	2	0
GREENVILLE 2 W	90.1M	68.1M	79.1M	1.5	94	17+	58	31	0		0	0	0	3.76	- .61			.0	0				
HENDERSON 7 SSW	89.8	69.6	79.7	1.1	95	5	59	31	0	18	0	0	0	6.45	3.05	2.44	11	.0	0		8	5	2
HICKMAN 1 E	91.5	67.3	79.4		98	5	57	29	0	23	0	0	0	1.39		.60	8	.0	0		5	1	0
HOPKINSVILLE	93.1	69.0	81.1	2.6	98	6+	60	30+	0	27	0	0	0	3.90	- .03	1.24	7	.0	0		6	3	2
LOVELACEVILLE	91.0	68.7	79.9	.9	98	5	58	29	0	22	0	0	0	5.29	1.97	1.40	8	.0	0		7	4	3
MADISONVILLE 1 SE	90.6	69.6	80.1		98	10	59	31	0	21	0	0	0	4.81		.87	8	.0	0		9	6	0
MAYFIELD RADIO WNGO	M	70.0M	M				61	31+			0	0	0	4.90		2.10	22	.0	0		6	3	2
MURRAY	89.7	70.4	80.1	1.0	95	6	62	29	0	19	0	0	0	3.27	- .66	2.04	8	.0	0		5	2	1
OWENSBORO 2 W	90.6	68.1	79.4	1.0	95	13+	56	30	0	21	0	0	0	7.48	3.98	3.15	11	.0	0		6	4	3
PADUCAH FAA AIRPORT	89.9	70.3	80.1		96	13	61	29	0	19	0	0	0	2.91		.55	24	.0	0		9	1	0
PADUCAH	91.0	70.7	80.9		96	6+	61	29	0	23	0	0	0	4.17	.69	1.52	2	.0	0		6	4	1
PRINCETON 1 SE	90.8	69.4	80.1	1.3	95	5	58	29	0	24	0	0	0	3.90	.45	.86	1	.0	0		8	2	0
ROCHESTER LOCK 3	89.7	68.1	78.9		94	6+	58	31+	0	19	0	0	0	3.01		.82	1	.0	0		8	2	0
RUSSELLVILLE	90.7	68.3	79.5	1.2	95	10+	58	31+	0	22	0	0	0	3.40	- .91	.82	23	.0	0		10	2	0
DIVISION			80.0	1.4										3.89	- .08			.0					
* * *																							
CENTRAL 02																							
ANCHORAGE																							
BARDSTOWN NAZARETH COL	86.5	66.4	76.5		92	20	56	31	0	7	0	0	0	5.62		1.35	13	.0	0		8	4	3
BARREN RIVER RESERVOIR	92.2	68.5	80.4		98	6	58	31+	0	23	0	0	0	4.29		1.33	22	.0	0		7	4	1
BOWLING GREEN FAA AP	92.0	69.5	80.8	1.7	97	5	58	30	0	23	0	0	0	1.59	- 2.60	.61	6	.0	0		4	2	0
BRADFORDSVILLE	89.8	65.5	77.7		95	7	53	31	0	18	0	0	0	5.41		2.00	23	.0	0		10	3	1
CAMPBELLSVILLE 2 SSW	90.4	68.3	79.4		96	13	58	31+	0	19	0	0	0	2.95		1.39	8	.0	0		5	2	1
CECILIA	90.3	65.8	78.1	1.3	95	19+	55	31+	0	17	0	0	0	2.75	- 1.37	.76	13	.0	0		7	2	0
CLERMONT 1 SSE	89.7	65.8	77.8		96	5	55	31	0	17	0	0	0	5.37		1.34	10	.0	0		9	6	1
GLASGOW WKAY	90.2	68.6	79.4		96	5	58	31+	0	18	0	0	0	2.48		.90	7	.0	0		7	2	0
GREENSBURG	92.3	68.1	80.2	2.8	98	1	57	31	0	24	0	0	0	2.31	- 2.16	1.25	23	.0	0		4	1	1
HODGENVILLE-LINCOLN NP	90.3	66.2	78.3		95	19+	56	31+	0	21	0	0	0	2.75		1.25	11	.0	0		6	2	1
IRVINGTON	89.7	66.6	78.2	.5	94	19+	50	30	0	19	0	0	0	3.91	.37	.70	21	.0	0		10	2	0
LEITCHFIELD 2 N	91.1	67.9	79.5	1.8	96	5	56	31+	0	20	0	0	0	2.22	- 1.89	.90	12	.0	0		3	2	0
LOUISVILLE	90.4	71.8	81.1		98	6	65	31+	0	19	0	0	0	3.24		.74	9	.0	0		8	3	0
LOUISVILLE WB AP R	87.6	69.7	78.7	1.1	94	5	60	31	0	11	0	0	0	4.05	.69	.93	8	.0	0		7	4	0
MAMMOTH CAVE PARK	89.7	66.5	78.1		94	5	55	30	0	18	0	0	0	1.73		.74	23	.0	0		5	1	0
NOLIN RIVER RESERVOIR	91.7	66.8	79.3		96	6+	56	31+	0	22	0	0	0	1.14		.35	23	.0	0		4	0	0
ROUGH RIVER DAM	91.3	66.9	79.1		95	6+	56	30	0	22	0	0	0	3.10		1.60	11	.0	0		4	2	1
SCOTTSVILLE 3 SSW	89.5	69.6	79.6		94	19+	60	30	0	17	0	0	0	2.58		.74	7	.0	0		6	3	0
SUMMER SHADE	88.9	67.9	78.4		93	20+	57	31+	0	17	0	0	0	2.05		1.17	21	.0	0		5	1	1
WOLF CREEK DAM	91.3	63.5	77.4		95	21+	55	31	0	23	0	0	0	1.74		1.04	11	.0	0		3	1	1
DIVISION			78.9	1.5										3.06	- 1.09			.0					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	88.6	67.8	78.2	1.3	95	5	57	31	0	14	0	0	0	3.89	- 1.27	1.31	6	.0	0		7	2	1
CARROLLTON LOCK 1	87.2	67.7	77.5		94	6+	59	31	0	11	0	0	0	3.91	.31	1.74	21	.0	0		6	2	1
COVINGTON WB AIRPORT R	86.2	68.3	77.3	1.9	95	5	60	31	0	7	0	0	0	3.28	- .33	.87	22	.0	0		8	2	0
CYNTHIANA 2	88.2	65.5	76.9		97	6	54	31	0	16	0	0	0	5.41		2.70	10	.0	0		8	3	1
DANVILLE	88.7	67.4	78.1		93	21+	59	31	0	18	0	0	0	3.13	- 1.48	1.12	12	.0	0		6	2	2
DIX DAM	88.9M	67.5M	78.2M		94	19	57	31	0	16	0	0	0	3.61		1.54	11	.0	0		7	2	1
FALMOUTH 5 WNW	88.0	63.1	75.6		95	17+	50	31	0	10	0	0	0	5.45	1.19	2.12	23	.0	0		6	4	2
FARMERS 1 WNW	88.4	65.7	77.1	1.4	95	5	55	31	0	11	0	0	0	4.32	- .47	1.06	28	.0	0		7	5	2
FLEMINGSBURG 1 SW	86.0	65.6	75.8		94	5	55	31	0	8	0	0	0	3.31		.65	10	.0	0		9	2	0
FRANKFORT LOCK 4	89.3	66.6	78.0	.7	96	6	57	31	0	13	0	0	0	1.56	- 2.94	.54	23	.0	0		5	1	0
LEXINGTON WB AIRPORT R	86.7	68.9	77.8	.4	94	5	59	31	0	8	0	0	0	4.37	.39	1.85	6	.0	0		6	3	2
MAYSVILLE SEWAGE PLANT	88.1	66.8	77.5	1.7	96	6	60	31+	0	10	0	0	0	3.52	- .95	1.07	12	.0	0		7	3	2
MOUNT STERLING	87.5	67.6	77.6		93	5	58	31	0	9	0	0	0	5.44	.31	1.26	1	.0	0		7	4	2
OWENTON 2 S																							
RICHMOND	88.4	66.7	77.6		94	20+	57	31	0	15	0	0	0	3.61		1.38	1	.0	0		7	3	1
SHELBYVILLE	87.1	66.0	76.6	- .3	93	20+	56	31	0	13	0	0	0	1.73	- 2.16	.35	23	.0	0		6	0	0
WARSAW MARKLAND DAM	86.7M	66.2M	76.5M	.0	95	18			0	11	0	0	0	5.23	1.35	1.76	23	.0	0		7	3	2
WAYNESBURG 7 NE	86.7M	66.3M	76.5M		93	5			0	10	0	0	0	4.74		1.90	22	.0	0		6	4	1
WILLIAMSTOWN 3 NW	86.8	67.3	77.1	.1	93	17	60	29	0	12	0	0	0	4.83	.81	1.36	22	.0	0		7	5	1
DIVISION			77.2	.5										3.96	- .64			.0					
* * *																							
EASTERN 04																							
ASHLAND	88.5	65.3	76.9	- .1	96	19+	57	30	0	13	0	0	0	2.68	- 1.36	.93	23	.0	0		6	2	0
BARBOURVILLE	89.3	66.2	77.8		94	6+	59	31	0	17	0	0	0	6.13		2.57	12	.0	0		6	4	2
BAXTER	89.0	65.9	77.5		94	20+	56	31	0	15	0	0	0	2.93		.94	8	.0	0		5	3	0
BLAINE	89.4	63.8	76.6		96	20+	55	14	0	16	0	0	0	3.83		1.03	12	.0	0		6	4	1
CUMBERLAND	88.7	M	M		97	5				14	0	0	0	5.02		1.30	1	.0	0		8	5	1

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 80

Continued

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	85.1	63.8	74.5		93	6	55	14	0	6	0	0	0	4.09		1.27	23	.0	0		7	3	1
GRAYSON 5 SE	88.6	64.0	76.3		95	20+	56	31+	0	11	0	0	0	3.85		.88	11	.0	0		7	3	0
HEIDELBERG LOCK 14 R	89.3	66.1	77.7		95	6	55	31	0	15	0	0	0	3.40	- 1.74	1.60	9	.0	0		6	1	1
HINDMAN 11 NNE	89.5	64.6	77.1		96	6	57	30	0	17	0	0	0	5.56		1.08	21	.0	0		9	5	1
HYDEN	89.5M	65.8M	77.7M		98	19	59	31	0	16	0	0	0			1.25	8	.0	0				2
JACKSON	91.4	66.9	79.2		98	6	59	31+	0	21	0	0	0	2.78		.85	23	.0	0		6	3	0
LONDON FAA AP	87.0	66.7	76.9		92	20+	56	31	0	9	0	0	0	2.91		.83	7	.0	0		7	2	0
MANCHESTER 4 SE	87.9	66.3	77.1		93	6+	57	31	0	11	0	0	0	3.38		.88	21+	.0	0		6	4	0
MC KEE	86.7	64.0	75.4		94	21+	54	31	0	10	0	0	0	4.94		1.95	8	.0	0		6	3	2
MIDDLESBORO	88.2	66.0	77.1		95	20	59	31+	0	10	0	0	0	3.90		1.31	8	.0	0		6	3	1
MONTICELLO	90.0	67.3	78.7		93	26+	56	31+	0	21	0	0	0	1.78		.53	9	.0	0		6	1	0
MOUNT VERNON	87.7	65.2	76.5		92	18+	52	31	0	11	0	0	0	3.45		.85	7	.0	0		6	3	0
PIKEVILLE	91.1	68.2	79.7		98	5	60	30	0	22	0	0	0	5.85	.66	1.27	22	.0	0		9	4	3
SOMERSET 2 N	89.0	65.5	77.3		94	20	54	31	0	14	0	0	0	2.10		.70	8	.0	0		4	2	0
STEARNS	87.2	66.3	76.8		92	6+	58	30	0	12	0	0	0	4.32		1.14	9	.0	0		8	4	1
TOMAHAWK 1 WSW	88.1	62.5	75.3		94	19+	53	31+	0	14	0	0	0	5.50		1.41	12	.0	0		8	5	2
VANCEBURG	87.4	62.5	75.0		94	18+	51	31	0	8	0	0	0	4.14	- .42	2.15	22	.0	0		8	2	1
WEST LIBERTY	88.1	65.4	76.8		96	6	57	31+	0	12	0	0	0	3.32		.96	2	.0	0		7	3	0
WILLIAMSBURG 1 E	88.8	67.2	78.0	.8	93	19+	59	31+	0	14	0	0	0	3.37	- 1.53	1.31	12	.0	0		5	2	2
DIVISION			77.0	.6										3.88	- .88			.0					

EXTREMES

HIGHEST TEMPERATURE 12 STATIONS	98	DATE	19+
LOWEST TEMPERATURE 2 STATIONS	50	DATE	31+
GREATEST TOTAL PRECIPITATION ONEIDA	7.77		
LEAST TOTAL PRECIPITATION EDMONTON	.80		
GREATEST 1 DAY PRECIPITATION OWENSBORO 2 W	3.15	DATE	11

SPECIAL WEATHER SUMMARY

It was the warmest July since 1966, although temperatures averaged seasonable or slightly warmer than seasonable. Many of the days were on the warm and humid side, relieved occasionally during and at the end of the month by cooler and drier air from the north. Rainfall totals tended, in general, to be near or above normal in the north and below normal in the east and south. However, because of the spotty nature of many of the showers, there were apparently locations even in the north with rainfall totals on the dry side, 1 to 3 inches below normal.

The number of days with thunderstorms over the State was just about seasonable, ranging from about 6 to 12. Four persons were injured by lightning and fires apparently set by lightning damaged or destroyed a number of buildings. At least 56 cattle were killed during the month by lightning strikes. A small tornado was reported in Mason County on the 22d; there were no injuries, and there was only minor damage. A funnel cloud aloft was reported on the 1st, and on the 8th at least one funnel cloud was reported. Several thousand acres of soybeans were reported to have been lost due to flooding of the Mississippi River in the western river counties of Ballard, Carlisle, Hickman, and Fulton.

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Note: The foregoing narrative highlights several noteworthy weather events and was completed before weather data processing for the publication was completed. For further details see the accompanying tables. See also this month's issue of STORM DATA for additional details concerning the storms noted above and other storms. See this month's issue of CLIMATOLOGICAL DATA NATIONAL SUMMARY for additional details concerning flooding.

DAILY PRECIPITATION

KENTUCKY
JULY 1969

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	3.09	.14	.72	T			.01	.06	1.01	T				T						.64		T	.41			.07		.03				
BEAVER DAM	3.31	.37	T		.04		.25		T		T	.45											1.20			.04		.96				
CALHOUN LOCK 2	7.04	1.16	.03	.02	.81			T	T	.53		.31	.95										2.28	.03		.51		T	.41			
COBB	3.08	.12	.31	.92	.12			.14	.05	.37	.18													.57		.12			.18			
DAWSON SPRINGS	5.86	.50		.23	.77			.26	.40	2.15	.80													.35		.32			.08			
DUNDEE 4 ESE	3.47	.42		.06	.15				.17	.45		.98			.09								.36	.40		.22			.17			
DUNMOR	2.86		.07	.26	.21			.46	.17	1.18			T											.16		.12			.23			
ELKTON 2 S	5.59		.20	.16	.27			1.75	.03	.83		.43	.01		T								.38	1.20		.03			.28	.02		
FORDS FERRY DAM 50	2.67	.63	.22	.28	.26			T	.60		T												T	.30		.17			.21			
FRANKLIN 1 E	2.43	.06	T		.11			.11	.49			.47												.31		.05			.83			
GILBERTSVILLE 1 SE	3.45	.14	.57				.13	.65	.07	.61	.60	T		.02						.04		.04	.29			.19		.10				
GOLDEN POND 8 N	2.69	.49						.60	.18	.65	.05													.28		.20			.24			
GREENVILLE 2 W	3.76	.18	.18		.74			.08	.35	.10													*	*	*	*	*	2.13				
HARTFORD 6 NW	4.25	1.04		.06	.66			.28	.59	.03	.07	.05	.65										.05	.27		.29		T	.21			
HENDERSON 7 SSW	6.45	.62	.03		1.60		T	.11		.60		2.44										T	.06		.62	.10		.27				
HICKMAN 1 E	1.39		.22				.23	.10	.60	.08									T	T			.13		.03			T				
HOPKINSVILLE	3.90		.29	1.20	.43			1.24	.06	.53														.10		.02			.03			
LOVELACEVILLE	5.29	1.33	1.25					.02	1.40					.17						.50			.21			.41						
MADISONVILLE 1 SE	4.81	.62		.12	.68				.87	.48		.58												.60		.55			.31			
MAYFIELD RADIO WNGO	4.90	1.49	.08					.20	.27											.59			2.10			.17						
MURRAY	3.27	.16		T				.62	2.04						T					.21				.21		.03						
OWENSBORO 2 W	7.48	1.18		.07	1.80			.22		.56		3.15											.08	.02		.40						
OWENSBORO DAM 46	5.96	1.05		.10	1.07			.07	T	.08	T	2.25	1.02										.07	.03		.18			.04			
PADUCAH FAA AIRPORT	2.91	.44	.48				T	.42	T	T	T	T		.30			.12			.27		.12	.21		.55			T				
PADUCAH	4.17	.92	1.52					.08	T	.23				.58						T	.02		.30			.52						
PARADISE STEAM PLANT R	3.05	.28	.01	.05	.37			T	.31	1.17	T	.18												.51		.17			T			
PRINCETON 1 SE	3.90	.86	.82		.46		.10	.49		.38												T	.34			.45					T	
ROCHESTER LOCK 3	3.01	.82	.03	.09	.23			.05	.13	.43		.12												.41		.13			.53	.04		
RUSSELLVILLE	3.40		.30	.20	.21			.39	.20	.05		.25			.32					.10				.82		.04			.52			
SEBREE	5.22	.61		.06	1.01			.15		.35		.57											1.30	.32		.45			.40			
UNIONTOWN DAM 49 //	6.15	.95	.13	.15	.68			.05	.25	1.51		.72	.11										.10	.87		.24		T	.39			
• • • CENTRAL 02																																
ADDISON DAM 45 //	1.94	.19						.41		.51		.35	.25											.16		.07						
ALBANY 4 N	4.45			.03					1.13	.18		.82	.82										1.37	.10								
ANCHORAGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BARDSTOWN NAZARETH COL	5.62	.43					.01		.31	.11	1.31	.67	T	1.35	.01						T		1.25	.16		T		T	T	.01		
BARREN RIVER RESERVOIR	4.29		.24		T			.12	.60	.07		.40	T										1.33	.72					.81			
BOWLING GREEN	3.84		T	.05				1.25	.05	.17	.10	T												.42		.45			1.35			
BOWLING GREEN FAA AP	1.59	T	.03	.15	T		.61	.10	.01	T		T											.04		.57	.01		.07				
BRADFORDSVILLE	5.41	.15						.37	.12	.46	.70	.43	.90	.18										2.00				.10				
BROWNSVILLE	2.29	T		.02				.21	.03	.20		.13												.52		.42			.76	T		
BURKESVILLE 2 W	2.49		.02	.04			T		1.39	T		.58	.31	.06										.09								
CAMPBELLSVILLE 2 SSW	2.95	.28					.20	.09	1.39	.01	.03	.33			.01								.52	.09								
CANEYVILLE	2.47	.44		T				.17		.57		.32	.35											.35		.27						
CECILIA	2.75	.36					T		.22	.02	.24	.30		.76								.27	.58									
CLERMONT 1 SSE	5.37	.63					.25		T	.57	1.34	.99		.53	.12								.82	.12		T						
EDMONTON	.80							.10	.20	.10		.05											.10						.25			
GAMALIEL 1 S	2.36	.22		.51				.39	.16	.13	T	T	.10										.19	.60				T	.06			
GLASGOW	4.04							1.27	1.10			.33			.72									.15					.47			
GLASGOW WKAY	2.48	T			.02			.90		.11	.13		.06		.51								.41	.02			.12		.20			
GLENDALE 1 E	2.18	.07								.35		.20	.45	.36									.05	.70		T						
GREENSBURG	2.31	.22	.05					.41	T	.26		.06	.06											1.25								
GREENSBURG HIWAY 61	1.93	.32						.34	.03	.28		.08												.88								
HODGENVILLE-LINCOLN NP	2.75	.31							.14	.15		1.25											.30	.60								
IRVINGTON	3.91	.35					.15	.22	.32	.01	.67	.25		.40								.70	.40	.03		.41						
LEITCHFIELD 2 N	2.22	.08	T	.01	.04			.02		T		.77	.90										T	.37		.03			T			
LIBERTY	4.78	.02	.06						.53	.82		.03	1.13	.76										1.09					.34			
LOUISVILLE	3.24	.45			T		T	.15	.16	.74	.59	.17									T	.53	.45	T				T		T		
LOUISVILLE WB AP R	4.05	.61		.02			.35	T	.93	T	.86	.32	T								T	.50	.40		.05			.01	T			
LOUISVILLE UPPER GAGE	2.43	.22						.04		.98	.11	.28	.17										.32	.27	T	.04				T		
MAMMOTH CAVE PARK	1.73	.06		T			T	.29	.23	T		.23		.05										.74			T		.13	T		
MILLERSTOWN	1.46	T			.03			.06		.36	.14	.05	T						.03					.67	.05				.07			
MUNFORDVILLE	1.20							.10		.40		.10												.60								
NOLIN RIVER RESERVOIR	1.14	T		.02	.10			.09	.09	.11			.27											.35		.03			.08			
ROUGH RIVER DAM	3.10	.20	T	T	.09					.06		1.60	.73	.03									.06	.28		.05			T			
SCOTTSVILLE 3 SSW	2.58		.04					.74	.03	.11	.64											.17	.18			.67						
SCOTTSVILLE 2 SW	2.10		.05	.03				.10	.40	T		.75											.05	.10		.55			.07			
SHEPHERDSVILLE	4.92	.82						.40		.58	T	1.40	.38	1.02	T									.32		T						
SUMMER SHADE	2.05	T	.02					.29	.13		.03		.20	.04								1.17	.03					T	.14			
WOLF CREEK DAM	1.74								.41	.21		1.04												.08								
WOODBURY LOCK 4	1.66	.26	T	.07	.07			.14	.42	.32	T	.11												.20					.07			
• • • BLUE GRASS 03																																
BEREA COLLEGE	3.89	.03					1.31	.42	T		.04	.97		.44								.15	.38	.15								
BEREA	3.68		.02					1.03	.52	.01		.04	.92		.38								.26	.50								
CARROLLTON LOCK 1	3.91	.43	T								.15	.07	.03								.30	1.74	T	.94		.25						
COVINGTON WB AIRPORT R	3.28	.26				T	T	.28	.21	.03	.45	.05								T	.69		.87		.23			.01	.06	.14		
CYNTHIANA	6.09	.23	.11					.61			2.56	T	.36								.71	.36	.22	.84		T			.09			
CYNTHIANA 2	5.41	.15						.64			2.70		.24								.43	.30	.18	.71					.06			
DANVILLE	3.13	1.08	.02					.15	.07	.05		.26	1.12		T							.07	.12	.19								
DIX DAM	3.61	.81						.10	.09	.04	.16	1.54	.10		.04					.01		.26		.46								
FALMOUTH 5 WNW	5.45	.24	.09	.03				.04			.76	.26	1.19							.08		.05	.54	2.12		.05						
FARMERS 1 WNW	4.32		1.02					.65		T	.14	.56	.53								.02	.06		.28					1.06			
FLEMINGSBURG	3.65	.28						.56	.02	.25	.75	.05	.65							.15	.05	T	.22	.55					.12			
FLEMINGSBURG 1 SW	3.31	.29					.28	.01	.23		.65	.39	.64						.01	.07	.01	.19	.40	.01					.13			
FORD LOCK 10	2.76	.31	.23					.71		.04	T	.12	.48						T			.12	T	.75							T	
FRANKFORT LOCK 4	1.56	.10	T					T		.03	T	.08	.33		.21							.24	.03	.54						T		
GEORGETOWN WATER WORKS	1.45							.14			.24	.05	.43									.07	.10	.27					.15			
GEST LOCK 3	5.04	.28	T					.35		T	.57	.07	.64								.19	.32	.55	2.05		T			T		.02	
HIGH BRIDGE LOCK 7	4.02	1.53							.02	.03	T	.35	1.31		.02							.09		.54					.13			
KEENE 1 SSW	5.44	.49						.20	1.30		.16	.50	.71		.32							.14		1.45					.06	.11		
LA GRANGE 1 ESE	2.56	.46			.02	T	.04		.04		.18	.02	.02	.11						T	.46	.83	.32	.01	T			.05		T		
LANCASTER	3.47		.36					.41				.19	1.24									.24	.61	.42								
LEXINGTON WB AIRPORT R	4.37	.14					1.85	.11	.03		.24	.85									.06	T	1.09					T		T		
LITTLE HICKMAN LOCK 8	2.35	.93						.11	.07	.03		.15	.69		.09									.28								
LOCKPORT LOCK 2	3.65	.45	T					T			.29	.08	.31									1.40	.87	.15		.04			.06			
MAYSVILLE SEWAGE PLANT	3.52	.17	T					T			.02	.19	1.07								.64		.31	1.02					.10			
MIDWAY	1.76							.39				.11	.31									.12	T	.40					.43			
MOUNT STERLING	5.44	1.26					.02	T	.34		.30	1.12							.93	.49		T	.98	T								
OWENTON 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHMOND	3.61	1.38						T	.72	.12		.06	.51						.02			.12	.22	.46					T			
SALVISA LOCK 6	4.76	.78	.02					.60	.28	.04		1.06	.39		.32									1.13					.11	.03		
SHELBYVILLE	1.73	.32			T			.23		.06	.04	.24	.06									.21	.22	.35								
SPRINGFIELD	3.67	.35								.56		.35	.36		.44								.14	1.47								
TAYLORSVILLE	3.01	.40						1.26					.30										T	1.00						.05		
TYRONE LOCK 5	2.70	.07	.04					1.27	.02	.07	T	.19	.32		.14					T			T	.58	T				T	T		
VALLEY VIEW LOCK 9	4.02	.51	.02					.33	.36	.03		.02	.78		T									1.97								
WARSAW MARKLAND DAM	5.23	.05	.09					T	.02		.58	.21	1.36		T					.03	.30	.40	.35	1.76		.08						

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	4.74									.65		.26	.89										1.90	.92					.12			
WILLIAMSTOWN 3 NW	4.83	.91	.01				T		T		.57	.12	.60	.01					.03	T	.03	.80	1.36	.02		.03		T		.34		
* * *																																
EASTERN 04																																
ASHLAND	2.68		.35					.50	.05		.34	.16	.05									.21	.01	.93	.03				.05			T
BARBOURVILLE	6.13							T	1.45	.59		.09	2.57								.05	.17		.06		.81			.34			
BAXTER	2.93		T					.66	.94	.03		.23	.53									.01	T	.48	T		T		.05			
BLAINE	3.83		.96					.59	.06		.41	.21	1.03								.07			.50								
BUCKHORN	4.62		.06					T	T	1.27		.30	1.75								T	.06	T	1.12					.06			
BURDINE 2 NE	6.45	.30						.35				.80	.50									2.30		2.20								
CLAY CITY 1 WNW	4.24	1.05	.05					.05		.62		.32	.60								.60	.48	.05	.40					.02			
COLLEGE HILL LOCK 11	4.89	.60	.04					T	.78	.06	T	.05	.85								.66		.70	1.15								
CUMBERLAND	5.02	1.30				.01	.06	.62	.34		.03	.53					.10		.36	.07	.61	.09	.02	.80	.02	.02			.04			
CUMBERLAND FALLS ST PK	4.15	.01						.47	.33	.06		.53	1.32	.03							.69		.56					.15				
DEWEY DAM	4.09	.08	.43					.30	.20		.40	.86	.55										T	1.27				T	T			
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FREEBURN 2 SW	3.63		.34					.41	.73			.78	.63									.22		.49					.03	T		
FRENCHBURG	2.70		.14					*	*	.69		.14	.78											.95								
GRAYSON 5 SE	3.85		.46					.67	.11		.48	.88	.45											.78					.02			
HAZARD WATER WORKS	3.59		.53					.04	.06	.47		.44	1.12									.05		.39					.45		.04	
HEIDELBERG LOCK 14 R	3.40							.27	.42	1.60		.33	.38		.23					.05			T	.05	.07				T			
HINDMAN 11 NNE	5.56		.10					.37	.12			.84	.95									1.08	.90	.69	.03			.39	.09			
HYDEN	-	-	.12					.16	1.25	.75		.20	1.17											.32	.07				.22			
JACKSON	2.78		.21					.16		.14		.62	.75									.05		.85								
JEREMIAH	3.07	.14					T	.55			.20	1.85										.05		.24					.04			
LLOYD GREENUP DAM	3.59	.05	.09					.40	.43	T	.51	.08	.25							.55		.02	.10	1.01					.10			
LONDON FAA AP	2.91	.20						.83	.32		T	.31							T		.01		.68			.35		.09	.12			
LOUISA 2	3.33		.49					.25	.40		.54	.17	.35								.02			.85					.26			
MANCHESTER 4 SE	3.38		.23					.05		.13			.88									.88		.65					.56			
MARTIN	5.19		.43					.20	.15			1.11	.34									2.20		.69	.07							
MC KEE	4.94							.65	1.95	.09		.03	1.16		.34								.24	.39					.09			
MIDDLESBORO	3.90		.18	T				.04	1.31	.04	.03		.88									.17			.79			.46				
MONTICELLO	1.78							.05	.32	.53		.03	.01	.16	.15							.02		.21					.30			
MOUNT VERNON	3.45						.06	.85	.79		.39	.74										.05		.16			T		.41			
ONEIDA	7.77	.12							.35	1.60		.75	1.72		.48							.44		1.83					.48			
PAINTSVILLE 1 S	6.03		.62						.20		.60	.90	.80							.36	.24		.31	2.00								
PIKEVILLE	5.85	.19					.34	.01	.47	.13	1.14	.96									T	1.18	1.27	.15				T	.01			
PINEVILLE 4 NW	3.61								1.37	.03			1.72									.10		.06		.33						
RAVENNA LOCK 12	2.32	.17	T					.44	.17	.20	.01	.12	.22										.52	.47								
SALYERSVILLE 2 SE	3.48	.14							.75		.24	.75	.31								.52			.48	.21				.08			
SOMERSET 2 N	2.10							.01	.70			.46		.14										.68		.06			.05			
STEARNS	4.32		.04	.06					.14	1.14		.45	.44	.54							.16	.68		.67								
TILFORD	4.30							.93				.38	.92	T									T	T	1.57	T	T	.50				
TOMAHAWK 1 WSW	5.50		.72					.45	.57	.02	1.03	.85	1.41								.10			.35					T			
VANCEBURG	4.14	T					.15	.14	.14	T	.19	.05	.62								.07	.24	2.15	.01					.38			
WEST LIBERTY	3.32		.96					.31	.22	.13	.28	.08	.77										.03	.54								
WILLIAMSBURG 1 E	3.37								1.02	.03			1.31		.05							.48	.17	.26	.05							
WILLOW LOCK 13	2.15	T						.08	.69	.69		.26	.36										T	.07								

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	24	2.7	6.8	26++	27	10	84	86	62	64	3	4	6	2	0	0	15	-	6.5
LEXINGTON WB AIRPORT	23	2.3	6.5	21++	25	05	79	82	58	61	3	2	3	1	2	0	11	-	5.3
LOUISVILLE WB AIRPORT	24	2.1	6.3	29	NW	08	83	87	61	64	5	3	3	4	0	0	15	68	5.5

See reference notes following Station Index.

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

SEASON OF 1968 - 1969

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
* * *														
WESTERN 01														
BARDWELL 4 E	SNOWFALL					T	T	7.0	3.1	T				10.1
	1 IN ON GD							2	3					5
BEAVER DAM	SNOWFALL						-	-	-					-
	1 IN ON GD							6	4					10
CALHOUN LOCK 2	SNOWFALL						-	-	6.0	-				-
	1 IN ON GD							4	4					8
COBB	SNOWFALL							3.0	5.0	-				-
	1 IN ON GD							2	-	-				-
DAWSON SPRINGS	SNOWFALL					T	T	-	4.0	T				-
	1 IN ON GD							-	-					-
DUNDEE 4 ESE	SNOWFALL					1.0	.5	-	6.3	.5				-
	1 IN ON GD							-	4					-
DUNMOR	SNOWFALL					T	T	3.0	9.0	T				12.0
	1 IN ON GD							2	3					5
ELKTON 2 S	SNOWFALL					-	.4	2.2	12.5	3.0				-
	1 IN ON GD							1	5					6
FORDS FERRY DAM 50	SNOWFALL						T	3.0	5.6	.5				9.1
	1 IN ON GD							2	3					5
FRANKLIN 1 E	SNOWFALL							-	-	T				-
	1 IN ON GD							-	5					-
GILBERTSVILLE 1 SE	SNOWFALL					T	T	1.5	3.0					4.5
	1 IN ON GD								3					3
GOLDEN POND 8 N	SNOWFALL							-	-	T				-
	1 IN ON GD							-	-					-
GREENVILLE 2 W	SNOWFALL						-	-	-					-
	1 IN ON GD						-	6	4					-
HARTFORD 6 NW	SNOWFALL					T	T	5.0	8.0	T				13.0
	1 IN ON GD							4	3					7
HENDERSON 7 SSW	SNOWFALL					T	T	3.5	7.0	1.0				11.5
	1 IN ON GD							2	5					7
HICKMAN 1 E	SNOWFALL					-	1.0	12.8	5.1	.5				-
	1 IN ON GD							2	2					4
HOPKINSVILLE	SNOWFALL					T	T	3.2	7.5	T				10.7
	1 IN ON GD							2	4					6
LOVELACEVILLE	SNOWFALL						T	3.0	-	T				-
	1 IN ON GD							1	3					4
MADISONVILLE 1 SE	SNOWFALL						T	1.8	4.0					5.8
	1 IN ON GD							3	2					5
MAYFIELD RADIO WNGO	SNOWFALL						-	-	-	T				-
	1 IN ON GD						-	1	-					-
MURRAY	SNOWFALL					T	T	4.8	2.5	T				7.3
	1 IN ON GD							1	3					4
OWENSBORO 2 W	SNOWFALL					T	T	5.5	7.5	T				13.0
	1 IN ON GD							4	6					10
OWENSBORO DAM 46	SNOWFALL							3.8	8.0	T				11.8
	1 IN ON GD							3	4					7
PADUCAH FAA AIRPORT	SNOWFALL					T	T	4.0	5.3	T				9.3
	1 IN ON GD							1	3					4
PADUCAH	SNOWFALL					T	T	T	2.5	T				2.5
	1 IN ON GD								3					3
PARADISE STEAM PLANT	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-
	1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1968 - 1969

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
PRINCETON 1 SE	SNOWFALL					T	T	3.0	5.0	T				8.0
	1 IN ON GO							2	3					5
ROCHESTER LOCK 3	SNOWFALL							-	-					-
	1 IN ON GO							7	4					11
RUSSELLVILLE	SNOWFALL						-	-	-	-				-
	1 IN ON GD						-	-	-	-				-
SEBREE	SNOWFALL							5.0	5.5	T				10.5
	1 IN ON GO							3	2					5
UNIONTOWN DAM 49	SNOWFALL						T	3.0	3.0	1.5				7.5
	1 IN ON GD							1	3	1				5
* * *														
CENTRAL 02														
AODISON OAM 45	SNOWFALL						T	3.5	3.8	2.0				9.3
	1 IN ON GO							4	3	1				B
ALBANY 4 N	SNOWFALL					-	-	6.4	3.9	2.8				-
	1 IN ON GD							6	5	2				13
ANCHORAGE	SNOWFALL						.5	2.2	4.1	-				-
	1 IN ON GD						1	3	3	2				9
BAROSTOWN NAZARETH COL	SNOWFALL					T	T	-	3.5	-				-
	1 IN ON GD							-	-	-				-
BARREN RIVER RESERVOIR	SNOWFALL					T	T	3.3	5.5	2.5				11.3
	1 IN ON GO							4	4	4				12
BOWLING GREEN	SNOWFALL						-	-	-					-
	1 IN ON GO						-	-	-					-
BOWLING GREEN FAA AP	SNOWFALL					.2	.1	3.0	7.0	.1				10.4
	1 IN ON GO							1	4					5
BRAOFOROSVILLE	SNOWFALL					T	1.0	5.0	-					-
	1 IN ON GD							6	3					9
BROWNSVILLE	SNOWFALL					T	-	6.0	B.5	T				-
	1 IN ON GD						-	6	4					-
BURKESVILLE 2 W	SNOWFALL						-	4.5	4.0	1.0				-
	1 IN ON GD						-	5	3	1				-
CAMPBELLSVILLE 2 SSW	SNOWFALL						-	7.5	7.0	T				-
	1 IN ON GO							-	-					-
CANEYVILLE	SNOWFALL					T	T	7.0	6.0	T				13.0
	1 IN ON GO							7	5					12
CECILIA	SNOWFALL					-	1.4	3.0	6.3	T				-
	1 IN ON GO							3	5					8
CLERMONT 1 SSE	SNOWFALL						-	3.0	4.5	3.0				-
	1 IN ON GO						-	3	3	1				-
EOMONTON	SNOWFALL						-	-	-	1.0				-
	1 IN ON GO						-	6	4	1				-
GAMALIEL 1 S	SNOWFALL					T	T	2.2	6.5	T				8.7
	1 IN ON GO							4	4					8
GLASCOW	SNOWFALL					T	T	1.3	9.0	-				-
	1 IN ON GD								4	-				-
GLASCOW WKAY	SNOWFALL					T	T	4.5	6.0	3.3				13.B
	1 IN ON GD							5	4	2				11
GLENOALE 1 E	SNOWFALL					.5	T	-	-	-				-
	1 IN ON GO					1		3	4	-				-
GREENSBURG	SNOWFALL					-	T	7.0	7.3	T				-
	1 IN ON GO							7	5					12
GREENSBURG HIWAY 61	SNOWFALL							-	6.0					-
	1 IN ON GD							6	4					10

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1968 - 1969

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
HODGENVILLE-LINCOLN NP	SNOWFALL						T	4.D	6.5	1.D				11.5
	1 IN ON GD							1	-					-
IRVINGTON	SNOWFALL					T	-	-	5.D	T				-
	1 IN ON GD						-	-	-					-
LEITCHFIELD 2 N	SNOWFALL							-	-					-
	1 IN ON GD							-	-					-
LI8ERTY	SNOWFALL					T	T	6.D	5.0	T				11.D
	1 IN ON GD							5	3					8
LOUISVILLE	SNOWFALL						T	2.0	2.D					4.D
	1 IN ON GD							2	2					4
LOUISVILLE WB AP	SNOWFALL					.3	1.1	3.2	6.3	2.2				13.1
	1 IN ON GD							3	3	1				7
LOUISVILLE UPPER GAGE	SNOWFALL						T	1.0	.5	T				1.5
	1 IN ON GD							1	2					3
MAMMOTH CAVE PARK	SNOWFALL					T	T	6.6	-	.8				-
	1 IN ON GD							6	5					11
MILLERSTOWN	SNOWFALL					T	T	7.D	8.0	T				15.D
	1 IN ON GD							7	5					12
MUNFORDVILLE	SNOWFALL							-	-	-				-
	1 IN ON GD							-	-					-
NOLIN RIVER RESERVOIR	SNOWFALL							5.5	4.5	T				10.D
	1 IN ON GD							6	4					10
ROUGH RIVER DAM	SNOWFALL					T		3.8	6.D	T				9.8
	1 IN ON GD							4	4					8
SCOTTSVILLE 3 SSW	SNOWFALL					-	T	5.D	6.5	5.D				-
	1 IN ON GD					-		5	5	2				-
SCOTTSVILLE 2 SW	SNOWFALL					T	T	1.5	7.5	6.D				15.D
	1 IN ON GD							6	4	3				13
SHEPHERDSVILLE	SNOWFALL						.5	3.0	3.5	2.0				9.0
	1 IN ON GD							2	1	-				-
SUMMER SHADE	SNOWFALL					T	T	-	6.5	7.0				-
	1 IN ON GD							5	5	3				13
WOLF CREEK DAM	SNOWFALL						T	-	-					-
	1 IN ON GD							2	-					-
WOOD8URY LOCK 4	SNOWFALL					1.D		-	-	-				-
	1 IN ON GD					1		4	5	-				-
* * *														
8LUE GRASS D3														
8EREA COLLEGE	SNOWFALL					3.7	3.6	2.5	6.6	4.8				21.2
	1 IN ON GD						2	6	4					12
BEREA	SNOWFALL					T	1.9	3.2	3.9	5.4				14.4
	1 IN ON GD						1	6	4	2				13
CARROLLTON LOCK 1	SNOWFALL					-	.6	.5	2.1	1.D				-
	1 IN ON GD							1	3	1				5
COVINGTON WB AIRPORT	SNOWFALL					.4	2.0	1.0	.3	2.8				6.5
	1 IN ON GD									1				1
CYNTHIANA	SNOWFALL					.8	1.0	2.3	3.2	4.5				11.8
	1 IN ON GD							2	2	1				5
CYNTHIANA 2	SNOWFALL							2.0	2.0	-				-
	1 IN ON GD							2	-	-				-
DANVILLE	SNOWFALL					1.5	.5	1.9	5.2	4.5				13.6
	1 IN ON GD					2	1	3	5	2				13
DIX DAM	SNOWFALL						-	.7	4.5	-				-
	1 IN ON GD						-	1	2	-				-

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1968 - 1969

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
FALMOUTH 5 WNW	SNOWFALL					T	T	.5	1.0	3.0				4.5
	1 IN ON GD							1	2	1				4
FARMERS 1 WNW	SNOWFALL						1.5	1.8	-	1.0				-
	1 IN ON GD						2	2	-	1				-
FLEMINGSBURG	SNOWFALL					-	.3	1.5	2.5	1.7				-
	1 IN ON GD							2	4	1				7
FLEMINGSBURG 1 SW	SNOWFALL					-	.3	-	2.5					-
	1 IN ON GD							1	3					4
FORD LOCK 10	SNOWFALL					-	T	1.5	1.0	1.0				-
	1 IN ON GD					-		2	1	1				-
FRANKFORT LOCK 4	SNOWFALL				T	T	T	.3	2.0	T				2.3
	1 IN ON GD								2					2
GEORGETOWN WATER WORKS	SNOWFALL						T	T	2.0	2.3				4.3
	1 IN ON GD								3					3
GEST LOCK 3	SNOWFALL						-	-	-					-
	1 IN ON GD						-	-	-					-
HIGH BRIDGE LOCK 7	SNOWFALL					T	-	.7	-	-				-
	1 IN ON GD							2	3	2				7
KEENE 1 SSW	SNOWFALL					T	1.0	2.0	2.0	3.0				8.0
	1 IN ON GD							4	3	2				9
LA GRANGE 1 ESE	SNOWFALL					T	T	3.0	4.0	T				7.0
	1 IN ON GD							2	2					4
LANCASTER	SNOWFALL						-	-	-	-				-
	1 IN ON GD						-	-	-	-				-
LEXINGTON WB AIRPORT	SNOWFALL					1.0	1.5	1.9	6.1	1.7				12.2
	1 IN ON GD						1	2	3	2				8
LITTLE HICKMAN LOCK 8	SNOWFALL						T	-	-	-				-
	1 IN ON GD							-	-					-
LOCKPORT LOCK 2	SNOWFALL						-	-	-	.5				-
	1 IN ON GD						-	1	3	1				-
MAYSVILLE SEWAGE PLANT	SNOWFALL						.3	1.3	1.2	1.2				4.0
	1 IN ON GD							2	2	1				5
MIDWAY	SNOWFALL						T	1.0	2.0	4.0				7.0
	1 IN ON GD							2	2	-				-
MOUNT STERLING	SNOWFALL				T	1.3	2.7	-	-	9.0				-
	1 IN ON GD					1	8	4	5	15				33
OWENTON 2 S	SNOWFALL						T	-	-	-				-
	1 IN ON GD							-	-	-				-
RICHMOND	SNOWFALL					T	1.0	2.0	3.7	6.0				12.7
	1 IN ON GD						1	3	4	5				13
SALVISA LOCK 6	SNOWFALL					-	.5	2.0	3.0	1.5				-
	1 IN ON GD						1	4	4	2				11
SHELBYVILLE	SNOWFALL					T	.1	.7	2.6	2.9				6.3
	1 IN ON GD							3	3	1				7
SPRINGFIELD	SNOWFALL							1.0	3.0	-				-
	1 IN ON GD							3	3	1				7
TAYLORSVILLE	SNOWFALL						-	1.0	3.5	5.5				-
	1 IN ON GD							3	3	2				8
TYRONE LOCK 5	SNOWFALL					T	T	T	2.2	5.6				7.8
	1 IN ON GD								3	1				4
VALLEY VIEW LOCK 9	SNOWFALL					T	-	-	-	1.4				-
	1 IN ON GD						1	3	3	1				8
WARSAW MARKLAND DAM	SNOWFALL					T	-	T	.7	1.5				-
	1 IN ON GD						-		1	1				-
WAYNESBURG 7 NE	SNOWFALL					1.0	T	5.0	5.0	3.0				14.0
	1 IN ON GD							11	5	9				25

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1968 - 1969

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
WILLIAMSTOWN 3 NW	SNOWFALL					.7	.5	.6	1.0	4.5				7.3
	1 IN ON GD							2	2					4
* * *														
EASTERN 04														
ASHLAND	SNOWFALL					T	.5	-	T	.5				-
	1 IN ON GD							2		1				3
BARBOURVILLE	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD					-	-	-	-	-				-
BAXTER	SNOWFALL					-	-	6.3	7.0	1.6				-
	1 IN ON GD					1	3	5	3	2				14
BLAINE	SNOWFALL					T	2.0	-	-	T				-
	1 IN ON GD						2	-	-					-
BUCKHORN	SNOWFALL					T	T	4.0	4.9	2.0				10.9
	1 IN ON GD							6	5	1				12
BURDINE 2 NE	SNOWFALL					3.0	5.0	8.0	6.0	10.0				32.0
	1 IN ON GD					3	3	6	3	4				19
CLAY CITY 1 WNW	SNOWFALL						-	2.0	1.0	1.0				-
	1 IN ON GD						-	-	2					-
COLLEGE HILL LOCK 11	SNOWFALL					T	T	T	1.0	5.0				6.0
	1 IN ON GD								1					1
CUMBERLAND	SNOWFALL					9.0	9.5	7.5	18.5	13.5	T			58.0
	1 IN ON GD					5	5	5	6	7				28
CUMBERLAND FALLS ST PK	SNOWFALL					1.0	2.4	7.2	-	-				-
	1 IN ON GD					-	-	5	-	-				-
DEWEY DAM	SNOWFALL					.5	T	2.8	-	-				-
	1 IN ON GD							4	-	1				-
ELKHORN CITY	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-
	1 IN ON GD	-	-	-	-	-	-	-	-	-	-	-	-	-
FOURMILE KY UTIL PARK	SNOWFALL					-	2.0	5.0	-	-	-	-	-	-
	1 IN ON GD					-	1	3	-	-	-	-	-	-
FREEBURN 2 SW	SNOWFALL					.7	3.5	6.5	4.0	2.8				17.5
	1 IN ON GD						3	4	-	2				-
FRENCHBURG	SNOWFALL						-	-	-	-	-	-	-	-
	1 IN ON GD						-	-	-	-	-	-	-	-
GRAYSON 5 SE	SNOWFALL	-	-	-	-	-	-	-	1.0	1.0				-
	1 IN ON GD	-	-	-	-	-	-	-		1				-
GRAYSON 3 SE	SNOWFALL						T	-	-	-	-	-	-	-
	1 IN ON GD							-	-	-	-	-	-	-
HAZARD WATER WORKS	SNOWFALL					T	-	-	-	-				-
	1 IN ON GD						2	6	3					11
HEIDELBERG LOCK 14	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD						2	6	2					10
HINDMAN 11 NNE	SNOWFALL					.3	4.5	6.0	3.7	7.1				21.6
	1 IN ON GD						5	6	4	4				19
HYDEN	SNOWFALL					T	T	5.0	6.0	T				11.0
	1 IN ON GD							6	2					8
JACKSON	SNOWFALL						4.0	-	-	1.0				-
	1 IN ON GD						5	6	3	1				15
JEREMIAH	SNOWFALL					2.5	2.8	2.5	3.0	-				-
	1 IN ON GD					-	-	-	-	-				-
LLOYD GREENUP DAM	SNOWFALL					-	T	1.0	T	.3				-
	1 IN ON GD							2						2
LONDON FAA AP	SNOWFALL					T	2.0	4.3	6.6	3.0				15.9
	1 IN ON GD						1	6	4	1				12

See Reference Notes Following Station Index

TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

SEASON OF 1968 - 1969

KENTUCKY

Station		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
LOUISA 2	SNOWFALL					T	.3	.8	2.4	-				-
	1 IN ON GD								2	-				-
MANCHESTER 4 SE	SNOWFALL					T	1.0	-	4.0	T				-
	1 IN ON GD						1	6	4					11
MARTIN	SNOWFALL						.8	4.2	3.5	-				-
	1 IN ON GD							8	3	-				-
MC KEE	SNOWFALL					1.5	2.0	4.0	7.5	6.0				21.0
	1 IN ON GD					-	3	6	8	6				-
MIDDLESBORO	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD							2	-	-				-
MONTICELLO	SNOWFALL					.5	T	5.1	6.0	-				-
	1 IN ON GD							4	3	-				-
MOUNT VERNON	SNOWFALL					1.0	2.0	-	-	-				-
	1 IN ON GD						-	6	4	1				-
ONEIDA	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD					-	-	-	-	-				-
PAINTSVILLE 1 S	SNOWFALL					T	2.0	2.6	4.9	2.8				12.3
	1 IN ON GD						2	6	4	2				14
PIKEVILLE	SNOWFALL					T	2.4	.2	3.4	.6				6.6
	1 IN ON GD						1	3	1					5
PINEVILLE 4 NW	SNOWFALL	-	-	-	-	-	-	-	-	-				-
	1 IN ON GD	-	-	-	-	-	-	-	-	2				-
RAVENNA LOCK 12	SNOWFALL					T	1.0	1.5	2.2	1.0				5.7
	1 IN ON GD						1	6	2					9
SALYERSVILLE 2 SE	SNOWFALL					.2	2.0	3.0	-	1.0				-
	1 IN ON GD						1	-	-	1				-
SOMERSET 2 N	SNOWFALL					3.3	-	3.0	7.2	T				-
	1 IN ON GD						-	-	-					-
STEARNS	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD					-	-	-	-	-				-
TILFORD	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD					-	-	-	-	-				-
TOMAHAWK 1 WSW	SNOWFALL					1.1	1.0	2.5	4.2	5.5				14.3
	1 IN ON GD					1	1	2	3	2				9
VANCEBURG	SNOWFALL					1.0	-	.8	T	-				-
	1 IN ON GD					-	-	-		-				-
WEST LIBERTY	SNOWFALL					T	.6	-	-	-				-
	1 IN ON GD						1	2	2	2				7
WILLIAMSBURG 1 E	SNOWFALL					-	-	-	-	-				-
	1 IN ON GD						1	-	4	1				-
WILLOW LOCK 13	SNOWFALL					T	2.0	2.0	3.0	.5				7.5
	1 IN ON GD						3	6	3	1				13

See Reference Notes Following Station Index

DAILY TEMPERATURES

KENTUCKY
JULY 1969

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	94	84	93	96	98	95	93	96	95	96	94	96	96	91	94	95	95	92	90	91	94	85	89	92	89	93	90	88	87	86	88	92.1
	MIN	69	69	66	66	76	74	71	71	72	75	74	78	72	70	63	74	69	67	71	70	69	70	70	66	68	68	70	60	58	59	60	68.9
BEAVER DAM	MAX	89	85	89	93	95	94	91	93	91	90	88	91	92	90	92	94	92	90	92	92	93	88	85	90	88	90	90	81	83	85	87	89.8
	MIN	69	67	65	66	70	72	68	71	72	74	70	70	73	67	63	71	69	68	72	69	67	69	67	68	65	65	67	61	59	56	57	67.3
FORDS FERRY DAM 50	MAX	84	83	92	95	97	94	92	92	93	93	91	92	92	95	92	94	93	92	92	81	89	82	88	91	89	92	89	82	85	85	85	89.9
	MIN	70	69	67	66	74	74	72	71	71	71	72	72	74	71	68	77	74	72	74	72	73	73	73	70	69	69	71	65	62	65	63	70.5
GILBERTSVILLE 1 SE	MAX	90	83	90	97	98	96	92	95	93	94	92	92	93	91	93	95	93	91	93	94	94	87	90	92	88	94	90	86	87	89	88	91.6
	MIN	70	68	65	67	75	77	72	71	72	74	76	76	72	70	66	77	74	70	73	70	70	74	71	69	69	69	74	63	60	61	64	70.3
GOLDEN POND 8 N	MAX	96	85	83	90	95	97	95	92	95	93	95	92	92	94	89	94	94	92	91	92	93	91	92	88	92	88	92	89	84	86	88	91.3
	MIN	70	69	62	67	71	75	72	72	72	74	76	71	74	72	68	74	75	72	74	73	71	73	71	71	70	69	74	69	63	63	66	70.7
GREENVILLE 2 W	MAX	88	86	89	92	94	93	92	91	92	90	91	93	92	90	94		94	93	92									82	83	85	86	90.1
	MIN	69	67	65	65	70	75	68	71	71	75	73	70	71	70	70		71	69	71									61	59	59	58	68.1
HENDERSON 7 SSW	MAX	89	82	88	93	95	92	90	93	92	91	90	93	94	88	91	93	93	91	91	91	88	83	89	91	89	91	89	85	85	86	88	89.8
	MIN	69	68	66	65	75	74	71	72	71	76	70	71	74	71	67	75	73	72	75	74	72	71	70	68	66	67	71	64	61	61	59	69.6
HICKMAN 1 E	MAX	95	86	93	96	98	96	92	95	94	95	94	94	95	90	95	94	94	90	87	91	93	87	90	88	90	92	90	86	84	85	86	91.5
	MIN	70	67	65	68	70	73	69	70	71	74	74	69	72	70	64	66	67	65	70	69	67	70	65	67	66	66	68	60	57	58	58	67.3
HOPKINSVILLE	MAX	98	89	85	91	94	98	95	95	96	94	97	94	94	95	90	94	95	94	92	94	95	97	90	91	93	93	95	92	86	89	90	93.1
	MIN	72	69	66	66	68	72	69	71	71	72	73	72	72	72	68	69	71	69	69	72	70	71	71	70	70	69	71	63	60	60	61	69.0
LOVELACEVILLE	MAX	90	83	94	95	98	94	92	95	95	96	92	95	95	90	94	93	92	91	90	90	92	84	88	91	88	92	89	83	87	87	87	91.0
	MIN	68	68	65	67	73	75	71	70	71	75	75	69	73	70	64	73	70	67	72	69	70	73	68	68	68	67	72	61	58	60	61	68.7
MADISONVILLE 1 SE	MAX	88	87	90	92	94	94	91	92	91	98	93	93	95	88	93	93	92	92	91	91	90	88	87	91	89	91	90	87	86	86	87	90.6
	MIN	69	69	67	65	74	77	71	69	71	75	72	71	74	71	65	74	72	69	74	74	70	73	70	68	67	68	75	65	61	60	59	69.6
MAYFIELD RADIO WNGO	MAX																		92	92	90	95	86	89	90	94	93	90	87	88	88	87	
	MIN	70	68	63		70	71	67	66	79	79	77	71	72	76	68		75	74	75	73	66	62	71	70	71	75	74	63	61	61	61	70.0
MURRAY	MAX	94	85	85	89	93	95	93	90	91	90	93	92	91	92	89	91	92	92	90	89	90	92	92	86	88	88	90	87	84	84	85	89.7
	MIN	71	70	67	69	71	75	72	70	73	74	76	72	75	72	67	71	72	70	72	71	71	73	71	71	70	71	74	63	62	63	63	70.4
OWENSBORO 2 W	MAX	89	85	89	92	94	93	92	95	94	92	88	92	95	90	94	93	94	91	93	92	87	84	90	90	92	91	88	85	87	89	90	90.6
	MIN	69	70	65	64	72	74	69	72	71	75	69	70	72	70	67	74	71	70	74	71	72	71	65	66	68	63	69	58	58	56	57	68.1
PADUCAH FAA AIRPORT	MAX	85	82	93	95	95	92	91	94	93	94	91	94	96	89	91	93	92	90	88	90	88	80	88	91	88	93	90	82	86	86	86	89.9
	MIN	70	70	68	69	77	74	72	70	73	78	75	69	74	70	65	76	72	69	72	72	73	72	70	70	69	69	69	65	61	63	62	70.3
PADUCAH	MAX	94	86	92	94	96	96	91	95	95	93	92	91	94	88	91	94	92	91	90	91	90	87	90	91	88	93	92	89	86	85	85	91.0
	MIN	70	69	68	69	80	77	72	72	73	77	77	70	68	72	65	75	73	71	74	72	72	72	70	71	68	69	73	65	61	63	63	70.7
PRINCETON 1 SE	MAX	91	84	93	92	95	94	91	94	94	92	92	93	93	91	92	93	92	91	91	92	92	88	87	90	90	91	91	88	84	85	88	90.8
	MIN	70	67	67	65	72	75	70	72	72	75	75	68	71	71	65	75	74	71	74	70	70	72	71	68	68	67	74	62	58	62	60	69.4
ROCHESTER LOCK 3	MAX	94	88	85	89	92	94	93	90	90	90	89	91	93	93	86	93	92	92	92	93	93	91	88	88	90	89	91	85	81	82	85	89.7
	MIN	70	68	68	68	70	74	69	69	71	73	71	72	72	70	64	67	68	69	70	71	68	69	70	67	66	68	68	64	61	58	58	68.1
RUSSELLVILLE	MAX	95	87	85	90	92	95	93	91	93	95	94	92	93	93	89	94	93	92	92	92	92	92	90	87	90	89	92	89	83	83	85	90.7
	MIN	71	67	66	62	74	75	68	71	70	72	73	71	71	69	65	69	71	71	70	71	69	71	70	66	68	68	70	63	60	58	58	68.3
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX																																
	MIN																																
BARDSTOWN NAZARETH COL	MAX	82	83	85	90	91	91	88	87	88	87	84	88	88	82	89	90	89	90	91	92	86	84	81	86	87	87	86	84	79	82	84	86.5
	MIN	67	61	63	70	72	72	67	70	70	69	72	67	67	60	60	72	70	69	69	70	70	68	65	65	65	64	70	62	59	58	56	66.4
BARREN RIVER RESERVOIR	MAX	97	89	87	90	96	98	95	92	94	92	94	92	94	95	88	95	95	94	93	95	96	94	91	88	92	92	95	87	83	86	88	92.2
	MIN	72	67	66	67	70	74	71	71	70	72	72	73	71	70	70	70	71	69	68	70	68	69	69	70	69	68	68	64	60	58	58	68.5
BOWLING GREEN FAA AP	MAX	88	87	90	95	97	96	93	93	91	91	94	94	95	89	95	96	93	94	95	95	96	93	90	93	88	96	87	86	85	86	90	92.0
	MIN	73	69	68	70	70	70	70	73	72	74	74	73	72	71	69	74	70	70	71	71	69	71	70	68	69	69	71	65	61	58	61	69.5
BRADFORDSVILLE	MAX	93	88	87	84	92	94	95	91	89	92	84	89	92	92	87	93	93	93	93	94	94	92	90	86	90	89	91	87	82	85	84	89.8
	MIN	68	60	64	70	67	67	70	69	70	72	71	66	65	60	60	69	68	67	66	67	68	67	68	66	66	68	65	61	58	55	53	65.5
CAMPBELLSVILLE 2 SSW	MAX	86	85	88	94	94	95	92	90	91	89	87	90	96	92	93	94	95	94	94	93	93	92	86	89	89	90	90	88	82	85	87	90.4
	MIN	70	64	64	72	72	72	72	72	69	74	71	74	67	65	66	72	72	70	69	70	70	70	69	68	68	66	71	63	60	58	58	68.3
CECILIA	MAX	87	85	89	93	95	94	92	91	91	91	88	92	91	88	94	94	93	93	95	94	91	89	86	89	89	93	88	85	83	87	88	90.3
	MIN	69	62	63	69	69	71	67	72	71	71	69	68	66	64	64	71	62	67	68	68	69	69	65	64	65	63	67	60	58	55	55	65.8
CLERMONT 1 SSE	MAX	85	85	89	93	96	95	90	90	91	91	87	91	91	86	92	94	94	94	94	93	88	87	85	89	89	90	90	87	82	85	88	89.7
	MIN	68	69	61	69	73	71	67	70	69	69	71	65	66	60	61	73	68	68	67	68	69	69	65	64	64	62	66	59	58	57	55	65.8
GLASGOW WKAY	MAX	88	85	87	94	96	95	94	92	90	88	90	91	92	89	94	93	93	92	94	93	94	93	88	88	91	89	86	83	81	85	89	90.2
	MIN	71	67	64	71	73	74	70	70	70	74	72	71	70	67	66	73	69	68	69	70	72	70	69	69	67	72	68	64	61	58	58	68.6
GREENSBURG	MAX	98	90	88	90	95	97	96	93	92	94	87	91	94	94	90	95	95	95	95	95	97	95	95	88	91	91	93	89	84	86	89	92.3
	MIN	71	66	65	66	69	72	71	71	70	71	73	71	69	66	64	67	70	70	70	70	68	70	70	70	69	68	69	64	61	62	57	68.1
HODGENVILLE-LINCOLN NP	MAX	91	86	87	95	95	95	92	91	91	90	87	91	92	91	92	93	93	92	95	94	93	91	83	88	89	90	90	86	82	86	88	90.3
	MIN	69	62	63	63	69	72	68	71	71	71	69	69	68	66	64	64	70	68	68	69	67	69	68	67	66	65	66	61	58	56	56	66.2
IRVINGTON	MAX	93	85	87	91	94	93	88	91	89	91	90	90	92	90	91	92	91	92	94	93	92	92	84	88	89	89	90	86	82	85	87	89.7
	MIN	70	62	59	65	71	71	79	72	71	70	71	70	67	65	64	74	68	68	69	68	71	69	68	65	64	63	68	59	59	50	55	66.6
LEITCHFIELD 2 N	MAX	89	88	89	93	96	95	92	94	93	91	89	91	92	91	93	94	95	93	95	95	93	91	87	89	90	93	88	84	84	87	89	91.1
	MIN	70	65	64	70	69	72	69	72	73	74	75	73	70	66	64	72	68	68	71	69	70	71	68	67	65	65	70	63	59	56	56	67.9
LOUISVILLE	MAX	96	88	90	93	95	98	93	93	92	93	87	92	94	89	90	92	92	93	92	92	83	85	82	86	88	92	93	88	85	87	88	90.4
	MIN	71	70	70	74	78	78	78	73	73	72	74	76	74	66	70	73	76	75	75	75	73	70	68	70	69	69	74	67	65	65	65	71.8
LOUISVILLE WB AP	MAX	85	83	87	92	94	87	89	89	90	84	85	90	91	86	90	92	92	91	92	90	84	81	85	88	89	89	86	82	83	85	86	87.6
	MIN	70	65	66	73	74	74	73	73	72	72	75	70	71	66	68	74	73	73	73	74	73	69	69	67	68	66	71	64	64	62	60	69.7
MAMMOTH CAVE PARK	MAX	87	86	87	91	94	93	91	92	91	89	88	91	92	91	92	92	91	91	92	93	92	92	86	89	89	90	89	85	83	86	86	89.7
	MIN	69	64	62	66	71	71	67	69	71	74	71	72	69	65	60	72	68	66	68	68	65	69	68	66	65	65	70	60	58	55	56	66.5

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NOLIN RIVER RESERVOIR	MAX	96	90	88	89	94	96	95	92	94	93	89	90	93	94	88	94	94	93	93	94	95	95	94	88	92	90	94	88	84	85	88	91.7
	MIN	71	65	64	67	65	71	68	70	68	74	67	69	71	71	64	68	72	69	68	69	68	69	67	67	66	66	66	61	57	56	56	66.8
ROUGH RIVER DAM	MAX	95	93	87	89	92	95	94	92	94	93	91	89	93	94	88	94	93	94	94	94	94	92	90	87	90	90	93	88	83	86	88	91.3
	MIN	69	65	63	64	68	74	69	70	72	73	68	68	69	67	65	68	71	70	70	69	70	70	67	67	64	64	67	61	58	56	57	66.9
SCOTTSVILLE 3 SSW	MAX	88	84	88	93	94	94	91	92	89	92	91	91	91	88	90	92	89	92	94	93	92	90	85	88	88	91	86	84	83	85	86	89.5
	MIN	71	67	66	69	72	75	69	71	71	73	73	73	72	71	69	73	71	70	71	72	68	70	69	70	68	69	73	65	61	60	66	69.6
SUMMER SHADE	MAX	85	86	87	91	93	92	90	90	90	89	89	90	91	88	92	91	91	91	92	93	92	90	85	87	88	91	86	82	82	85	68	88.9
	MIN	72	66	63	72	71	75	71	70	70	72	71	69	70	68	66	74	68	67	68	69	67	69	69	69	68	66	71	63	57	57	57	67.9
WOLF CREEK DAM	MAX	94	89	89	90	94	95	95	91	93	92	89	91	90	92	89	94	92	92	93	93	95	93	94	88	91	92	93	90	85	84	87	91.3
	MIN	65	61	63	64	61	67	69	65	67	67	66	64	61	63	60	64	66	64	63	64	64	66	64	66	65	64	62	64	57	56	55	63.5
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	84	86	87	92	95	94	90	88	88	84	85	90	89	86	91	91	92	92	94	93	92	90	85	89	88	90	86	82	80	85	88	88.6
	MIN	68	62	63	71	74	71	71	70	72	72	71	69	67	61	65	72	71	69	71	71	69	69	70	67	68	66	68	65	62	59	57	67.8
CARROLLTON LOCK 1	MAX	92	84	86	92	94	94	90	88	88	88	85	90	86	84	90	93	93	92	93	87	80	80	83	85	85	87	87	82	79	82	85	87.2
	MIN	70	63	64	71	77	71	72	69	73	70	70	66	67	65	62	74	72	69	69	71	71	67	67	68	64	63	67	63	63	61	59	67.7
COVINGTON WB AIRPORT	MAX	86	84	88	94	95	84	88	81	87	82	88	89	87	86	91	93	93	94	93	78	83	77	85	86	84	86	86	81	77	82	84	86.2
	MIN	67	63	64	72	74	73	72	70	73	70	69	66	70	62	65	75	74	73	72	71	70	71	70	67	66	65	68	62	62	61	60	68.3
CYNTHIANA 2	MAX	94	85	86	90	94	97	92	90	86	90	80	86	90	90	86	91	92	93	92	93	88	82	86	85	88	90	90	85	80	77	85	88.2
	MIN	69	58	61	70	72	70	70	71	73	69	68	63	64	58	59	69	68	67	67	68	70	69	68	65	63	62	64	63	60	59	54	65.5
DANVILLE	MAX	92	85	86	86	92	93	93	90	90	90	81	86	90	90	86	92	91	92	92	93	93	90	90	83	88	89	90	85	82	82	87	88.7
	MIN	67	63	63	66	70	74	73	70	70	71	71	70	69	62	62	62	72	70	70	70	70	69	68	67	67	67	67	66	62	61	59	67.4
DIX DAM	MAX	91	86	86	91	93		93	89	91	90		89	90	85	90	91	92	92	94	93	90	89	82	86	87	88	90	86	83	85	86	88.9
	MIN	65	61	65	72	70		71	70	71	72		68	69	62	64	72	71	70	70	72	70	69	68	66	66	66	69	69	61	61	57	67.5
FALMOUTH 5 WNW	MAX	88	85	89	93	95	92	91	88	89	85	87	90	89	86	90	94	95	92	93	86	83	82	86	87	86	88	88	85	76	84	86	88.0
	MIN	67	55	58	67	73	67	68	69	70	64	64	63	63	55	56	68	67	65	65	67	68	66	66	63	60	57	61	59	59	57	50	63.1
FARMERS 1 WNW	MAX	88	87	88	92	95	92	90	89	88	87	84	89	89	85	92	93	92	90	91	90	84	89	86	88	88	90	88	85	78	86	87	88.4
	MIN	69	58	62	66	67	67	71	72	71	68	68	65	64	57	60	67	70	69	70	69	70	69	69	64	67	64	63	65	62	58	55	65.7
FLEMINGSBURG 1 SW	MAX	85	85	85	90	94	91	88	82	87	82	80	87	86	83	90	92	92	91	90	88	80	84	83	87	86	88	85	83	74	84	85	86.0
	MIN	69	57	61	68	72	71	70	69	72	70	68	65	65	61	63	69	69	69	67	67	68	68	68	65	62	61	64	64	61	57	55	65.6
FRANKFORT LOCK 4	MAX	93	86	86	89	93	96	89	92	88	92	82	86	92	89	87	92	94	94	94	95	95	82	87	85	89	89	91	87	82	83	88	89.3
	MIN	70	61	62	65	70	73	71	71	72	74	71	65	66	60	61	65	70	69	69	70	70	71	68	67	64	65	65	64	61	59	57	66.6
LEXINGTON WB AIRPORT	MAX	84	84	86	92	94	92	89	87	89	80	84	89	85	85	89	90	91	90	92	91	82	87	84	85	85	87	85	82	78	85	86	86.7
	MIN	68	62	66	71	74	72	70	72	73	73	72	69	69	64	65	74	73	73	73	73	73	70	70	68	67	67	70	64	62	61	59	68.9
MAYSVILLE SEWAGE PLANT	MAX	95	85	87	88	94	96	86	90	85	89	85	88	89	87	87	91	95	94	93	94	87	83	79	88	88	85	90	88	80	77	85	88.1
	MIN	67	62	63	65	70	70	70	71	71	72	69	69	68	61	60	62	69	70	70	71	71	69	68	69	65	64	65	65	64	61	60	66.8
MOUNT STERLING	MAX	90	84	87	91	93	91	89	89	88	87	83	88	88	84	88	92	92	91	88	91	81	87	81	87	88	90	89	84	80	86	87	87.5
	MIN	68	61	64	69	72	73	71	72	72	72	70	66	68	61	63	70	73	71	70	69	71	69	69	68	66	65	67	64	61	62	58	67.6
OWENTON 2 S	MAX																																
	MIN																																
RICHMOND	MAX	94	82	86	88	91	94	92	91	89	88	79	87	90	85	84	90	91	92	92	94	93	90	90	85	88	88	90	87	83	81	86	88.4
	MIN	65	63	63	68	61	73	72	70	73	73	72	68	65	63	66	69	70	69	69	69	68	68	68	67	66	66	67	62	60	58	57	66.7
SHELBYVILLE	MAX	90	83	84	86	90	93	86	90	86	90	81	85	90	90	85	90	92	93	91	93	92	80	79	83	88	88	89	85	83	81	85	87.1
	MIN	69	62	63	64	71	72	70	69	70	71	70	65	67	62	62	64	71	69	70	71	71	70	65	64	62	63	66	59	59	59	56	66.0
WARSAW MARKLAND DAM	MAX	92	84	82	89	93	93	84	89	82	90	82	78	90	87	85	90	93	95	94	92	82	84	78	84	87	86	90	85	80	80		86.7
	MIN	-67	64	65	63	70	70	68	70	72	70	69	65	66	61	60	60	72	69	67	67	70	70	69	66	65	63	64	63	61	61		66.2
WAYNESBURG 7 NE	MAX	84	85	86	90	93	91	90	84	88	82	85	87	79	89	90	90	90	90	91	91	88	83	86	86	88	84	82	78	84	86		86.7
	MIN	69	64	65	68	70	72	70	68	66	72	69	70	65	62	64	71	68	69	68	68	63	68	66	65	66	67	63	58	58	58		66.3
WILLIAMSTOWN 3 NW	MAX	90	85	87	91	92	90	90	85	90	81	85	89	85	84	90	92	93	92	92	92	81	81	85	86	85	87	85	80	77	83	86	86.8
	MIN	68	63	65	70	75	70	71	68	72	68	70	65	67	64	66	72	73	70	72	70	68	67	67	65	63	65	68	61	60	61	62	67.3
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	95	84	87	88	92	96	94	90	83	86	83	84	88	87	87	93	94	92	96	93	94	85	82	86	88	88	91	90	84	79	84	88.5
	MIN	67	59	61	61	68	67	69	72	70	71	67	68	65	59	59	60	67	69	70	70	71	69	68	67	66	62	63	64	60	57	59	65.3
BARBOURVILLE	MAX	94	87	88	89	93	94	93	88	88	90	87	89	90	90	87	90	91	92	92	93	92	90	90	85	88	90	90	89	84	81	85	89.3
	MIN	65	66	66	65	65	66	70	70	70	70	72	68	65	64	62	62	66	67	68	67	67	67	68	68	67	66	66	68	62	60	59	66.2
BAXTER	MAX	94	86	89	89	93	94	91	85	89	90	87	86	89	90	88	91	90	92	91	94	92	90	90	83	88	88	90	88	85	82	85	89.0
	MIN	67	66	66	65	65	66	69	69	70	69	70	67	65	62	62	61	65	67	67	69	68	68	68	68	67	66	66	69	61	60	56	65.9
BLAINE	MAX	95	86	88	88	92	96	92	90	86	86	82	83	88	89	88	93	93	94	95	96	94	88	91	86	90	90	92	90	85	79	86	89.4
	MIN	61	58	61	63	64	65	69	69	71	70	67	65	64	55	58	58	65	68	69	68	65	65	68	66	66	64	63	63	59	56	56	63.8
CUMBERLAND	MAX	85	88	89	95	97	90	87	85	90	87	86	87	86	85	92	90	91	89	94	90	91	92	85	88	87	91	90	85	82	85	90	88.7
	MIN																																
DEWEY DAM	MAX	91	80	85	87	90	93	90	79	81	87	80	82	85	85	83	87	88	89	87	90	90	86	84	80	85	84	86	87	82	75	80	85.1
	MIN	63	60	63	62	65	66	70	70	71	70	59	65	66	55	56	61	61	67	67	65	64	68	64	66	66	63	64	68	58	57	58	63.8
GRAYSON 5 SE	MAX	95	84	87	88	92	95	94	89	84	86	82	83	88	86	87	92	93	94	95	95	93	86	89	86	89	89	91	88	84	77	86	88.6
	MIN	64	58	58	62	65	66	67	70	70	71	62	65	64	57	58	59	65	68	69	67	68	69	69	66	67	62	62	66	59	56	56	64.0
HEIDELBERG LOCK 14	MAX	94	86	86	91	94	95	86	86	88	89	84	89	89	86	91	91	92	92	92	93	91	91	92	89	90	90	89	87	83	83	88	89.3
	MIN	70	62	62	65	65	69	69	69	69	72	70	68	65	60	61	69	69	69	71	69	67	68	68	68	66	67	65	67	60	56	55	66.1
HINDMAN 11 NNE	MAX	94	84	88	91	94	96	95	90	86	89	81	84	89	87	85	92	92	92	93	94	95	90	91	88	89	92	90	92	87	80	85	89.5
	MIN	65	61	60	61	63	68	68	69	67	68	70	67	63	59	60	61	66	67	68	66	67	68	67	67	65	65	66	67	59	57	59	64.6
HYDEN	MAX		95	88	90	93	95	94	88	88	90	86	86	89	90	87	92	91	92	98	93	93	89	92	85	88	88	90	88	83	80	83	89.5
	MIN		66	66	65	65	67	69	69	69	70	69	69	65	63	62	62	67	69	68	67	67	66	66	68	66	65	64	64	61	60	59	65.8
JACKSON	MAX	97	88	89	91	95	98	95	91	86	91	85	87	92	90	88	93	94	95	95	97	97	92	96	87	92	91	94	90	86	81	89	91.4
	MIN	67	65	66	66	67	67	70	71	70	71	71	69	66	61	62	62	69	70	70	70	69	70	68	69	68	67	67	67	62	59	59	66.9

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	82	87	86	91	92	92	85	87	90	82	86	89	88	84	88	89	90	90	92	92	88	90	84	87	85	88	85	82	79	83	85	87.0
	MIN	71	66	63	68	68	70	73	69	67	72	71	71	65	63	63	68	66	67	68	67	67	68	68	69	70	65	66	65	62	57	56	66.7
MANCHESTER 4 SE	MAX	87	87	87	91	93	93	92	87	88	88	84	87	89	84	90	90	91	90	92	92	87	90	83	87	87	88	86	85	81	83	86	87.9
	MIN	68	65	65	64	65	69	77	69	70	70	71	66	65	61	61	65	64	69	69	67	66	69	68	70	68	66	66	65	62	58	57	66.3
MC KEE	MAX	93	84	81	86	92	94	92	87	88	82	81	85	87	80	84	88	90	92	90	92	94	87	90	84	82	87	88	86	82	77	84	86.7
	MIN	66	60	60	60	64	66	68	69	70	71	68	68	63	59	58	60	65	65	66	66	65	66	67	66	65	66	64	64	59	55	54	64.0
MIDDLESBORO	MAX	92	85	87	88	91	92	90	85	89	91	90	86	88	90	86	89	89	90	87	95	92	87	88	82	88	89	89	89	85	80	84	88.2
	MIN	64	66	66	64	65	65	70	70	68	68	70	69	66	66	63	63	66	66	66	68	67	67	67	67	67	67	67	69	61	59	59	66.0
MONTICELLO	MAX	90	88	88	92	93	93	92	90	91	90	90	91	91	89	91	92	91	91	93	93	91	92	86	89	90	93	89	85	82	86	88	90.0
	MIN	71	64	69	68	68	72	72	68	68	69	69	69	68	64	64	71	68	68	70	69	66	70	68	71	67	66	69	66	62	56	56	67.3
MOUNT VERNON	MAX	88	85	86	90	92	92	91	86	88	88	85	87	87	84	90	90	91	92	90	91	91	87	84	87	87	88	88	85	80	84	86	87.7
	MIN	68	61	61	69	68	71	69	69	69	72	70	70	64	59	63	70	67	67	68	67	66	68	68	65	64	62	62	60	59	53	52	65.2
PIKEVILLE	MAX	85	89	91	97	98	89	93	86	92	83	85	90	91	90	94	95	96	94	97	97	92	90	88	92	91	94	92	90	85	87	91	91.1
	MIN	70	68	65	66	66	70	70	69	72	70	72	69	67	62	63	65	72	72	73	72	69	72	70	71	70	68	69	68	61	60	63	68.2
SOMERSET 2 N	MAX	89	88	89	91	93	93	89	89	91	88	88	89	91	83	91	91	92	92	92	94	91	92	85	88	88	90	88	84	81	83	87	89.0
	MIN	69	63	63	67	68	70	73	69	69	72	67	67	65	65	64	65	66	67	67	66	63	65	60	68	67	67	66	62	59	56	54	65.5
STEARNS	MAX	92	91	85	90	92	92	90	91	87	86	87	84	86	87	87	90	90	87	90	90	90	87	86	82	84	86	88	84	87	77	79	87.2
	MIN	69	66	63	67	67	72	70	71	62	65	69	68	62	65	69	62	70	67	67	63	67	68	67	70	68	67	70	65	60	58	60	66.3
TOMAHAWK 1 WSW	MAX	93	84	86	87	92	94	92	90	82	85	81	80	85	85	85	91	92	92	94	92	93	88	91	87	88	88	92	91	86	80	85	88.1
	MIN	60	59	59	59	61	66	65	68	70	69	66	65	61	56	57	58	64	66	68	66	63	63	67	65	65	63	63	63	57	53	53	62.5
VANCEBURG	MAX	90	85	87	89	93	88	91	87	88	87	84	87	87	87	92	94	94	94	91	85	85	82	87	89	88	88	86	79	74	84	86	87.4
	MIN	62	62	62	62	67	64	67	68	68	68	64	65	62	53	55	62	64	65	65	65	66	67	66	65	62	57	59	63	60	53	51	62.5
WEST LIBERTY	MAX	95	83	86	89	92	96	90	89	81	87	82	84	87	87	88	91	91	93	92	93	94	88	90	85	88	89	90	89	85	77	80	88.1
	MIN	67	62	62	64	65	69	69	69	71	70	69	65	65	57	57	60	67	70	69	69	71	70	68	68	66	64	64	68	58	57	57	65.4
WILLIAMSBURG 1 E	MAX	90	87	88	92	93	93	91	87	90	88	89	88	89	87	90	90	90	90	93	91	89	88	83	88	89	91	90	89	80	85	86	88.8
	MIN	71	66	66	67	69	71	71	68	68	71	71	70	67	65	63	67	68	68	68	69	68	69	68	70	68	68	61	68	62	59	59	67.2

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.36	.17	.14	.23	.31	.48	.28	.24	.26	.22	.36	.22	.45	.10	.38	.13	.37	.14	.42	.35	.26	.22	.19	.10	.34	.25	.29	.28	.22	.28	.21	8.25
	WIND	48	20	24	51	64	47	53	26	29	14	38	26	12	16	44	28	40	32	20	32	39	20	29	17	35	23	45	67	48	0	38	1025
	MAX	98	97	94	92	100	100	98	100	100	100	100	100	100	100	95	100	107	100	101	101	105	100	95	100	101	100	105	90	86	93	97	98.5
	MIN	70	72	75	75	85	86	75	70	70	76	76	75	67	75	65	75	90	85	73	73	74	73	73	75	69	69	71	60	65	60	67	73.0
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.27	.26	.22	.27	.48	.39	.06	.15	.27	.22	.21	.17	.32	.33	.33	.28	.32	.30	.32	.30	.36	.29	.26	.11	.19	.24	.32	.24	.28	.32	.26	8.34
	WIND	38	30	26	49	47	47	48	32	35	28	24	35	32	26	25	32	37	31	26	35	46	28	33	19	32	34	34	59	59	42	27	1096
WOLF CREEK DAM	EVAP	.18	.16	.20	.24	.25	.21	.22	.20	.15	.16	.25	.09	.28	.09	.28	.19	.22	.27	.23	.13	.37	.20	.29	.11	.22	.28	.22	.20	.21	.13	.16	6.39
	WIND	9	9	10	11	17	12	17	17	11	7	10	15	8	7	15	10	9	9	9	13	19	13	19	7	10	10	7	22	18	28	8	386
	MAX	101	95	98	98	102	100	102	99	99	99	93	94	93	100	99	100	101	101	102	98	102	101	100	92	99	96	98	100	90	86	91	97.7
	MIN	64	70	70	70	70	70	75	72	72	74	72	77	74	72	68	68	73	73	72	68	72	72	72	72	73	72	72	71	65	64	64	70.7
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	.39	.15	.20	.28	*	*	.82	.25	.13	.27	-	*	*	.79	.30	.20	.30	.20	.27	.28	.39	.13	.16	.20	.23	*	*	.77	.30	.20	.30	7.768
	WIND	32	31	20	31	*	*	101	29	22	36	27	*	*	115	45	22	25	29	18	26	48	24	30	25	40	*	*	112	65	50	38	1041
	MAX	100	90	91	96	-	-	101	93	94	97	82	-	-	93	92	98	99	98	99	99	96	94	90	91	95	-	-	98	87	83	91	93.9
	MIN	71	67	68	70	-	-	72	75	74	76	74	-	-	67	67	68	75	76	74	72	74	72	70	70	71	-	-	67	65	65	65	70.6
* * * EASTERN 04																																	
BUCKHORN	EVAP	.22	.10	.20	.22	.17	.34	.24	.08	-	.02	.28	-	-	.20	.21	.20	.25	.23	.23	.22	.29	.18	-	.01	.03	.02	.03	*	.21	.14	.20	5.198
	WIND	16	18	11	17	30	28	27	21	16	20	19	25	28	12	14	9	15	14	12	15	22	15	24	9	13	18	14	44	26	15	16	583
	MAX	102	91	100	101	100	101	97	90	93	94	86	89	98	96	98	101	101	104	103	104	102	100	100	88	98	97	101	93	92	84	93	96.7
	MIN	75	72	60	69	71	71	75	74	74	74	74	74	74	72	71	71	76	76	76	75	75	74	73	73	76	75	76	74	70	-	66	72.9
DEWEY DAM	EVAP	.17	.14	.15	.29	.04	.04	.35	.14	.02	.05	-	-	.27	-	.19	.17	.16	.18	.10	.09	.24	.25	.08	.12	.06	.12	.06	.35	.20	.12	-	4.768
	WIND	7	5	3	4	19	13	7	8	1	8	4	5	3	7	7	1	3	2	4	3	7	4	6	2	3	6	5	19	11	4	4	185
	MAX	103	91	99	101	100	102	99	99	86	93	84	85	100	98	96	101	103	103	100	104	101	96	97	87	99	97	100	97	97	86	92	96.6
	MIN	72	71	69	60	60	70	73	73	74	72	74	72	73	72	67	67	72	75	76	75	72	73	72	85	85	61	73	72	67	66	66	71.3

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1968 - 1969

KENTUCKY

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
* * *														
WESTERN 01														
BARDWELL 4 E	0	0	17	267	533	871	899	734	748	188	42	4	4303	
BEAVER DAM	2	6	27	262	508	880	959	757	776	176	51	10	4414	
FORDS FERRY DAM 50	0	0	10	249	531	893	957	757	779	216	51	6	4449	
GILBERTSVILLE 1 SE	0	0	7	225	493	830	882	710	705	140	35	1	4028	
GOLDEN POND 8 N	0	0	7	231	499	868	935	743	753	206	43	6	4291	
GREENVILLE 2 W	0	1	18	254	518	859	943	748	776	180	51	9	4357	4124
HENDERSON 7 SSW	0	1	9	251	522	905	985	761	763	199	49	5	4450	4205
HICKMAN 1 E	0	1	14	252	536	897	928	754	751	179	39	6	4357	
HOPKINSVILLE	0	0	13	274	524	897	963	754	771	205	58	9	4468	4022
LOVELACEVILLE	0	0	10	252	522	870	900	730	754	193	41	6	4278	3933
MADISONVILLE 1 SE	0	4	13	258	537	882	968	747	761	167	43	5	4385	
MAYFIELD RADIO WNGO	0	0	12	211	476	823	865	703	725	152	34	3	4004	
MURRAY	0	0	22	266	513	877	934	745	751	207	45	9	4369	3806
OWENSBORO 2 W	0	0	5	246	515	891	983	741	766	184	51	7	4389	4288
PADUCAH FAA AIRPORT	0	0	12	273	551	885	935	753	773	214	44	4	4444	
PADUCAH	0	0	5	223	500	838	898	731	730	154	35	2	4116	
PRINCETON 1 SE	0	0	10	233	493	849	911	737	751	170	39	6	4199	
ROCHESTER LOCK 3	2	7	29	303	523	891	1008	781	839	240	67	11	4701	
RUSSELLVILLE	3	4	27	285	515	889	985	772	805	221	61	13	4580	4162
* * *														
CENTRAL 02														
ANCHORAGE	1	7	22	279	536	926	1014	796	791			18		4729
BARDSTOWN NAZARETH COL	1	9	22	256	598	951	1033	813	812	235	61	20	4811	
BARREN RIVER RESERVOIR	1	2	24	278	525	876	994	773	837	228	67	16	4621	
BOWLING GREEN FAA AP	0	1	12	261	536	893	941	753	780	204	53	7	4441	3962
BRADFORDSVILLE	9	15	37	288	520	919	987	796	831	238	83	27	4750	
CAMPBELLSVILLE 2 SSW	1	5	21	246	504	879	973	751	754	183	54	13	4384	
CECILIA	3	8	38	281	574	924	986	782	798	224	56	14	4688	4550
CLERMONT 1 SSE	4	7	23	265	533	915	989	787	804	219	64	19	4629	
GLASGOW WKAY	0	2	15	269	566	874	967	780	799	201	54	10	4537	
GREENSBURG	0	3	17	277	531	898	1001	793	811	231	60	16	4638	4260
HODGENVILLE-LINCOLN NP	4	10	32		476						51	16		
IRVINGTON	1	3	18	272	521	909	991	767	811	204	64	18	4579	4272
LEITCHFIELD 2 N	2	7	21	272	532	900	1000	828	826	220	68	13	4689	4172
LOUISVILLE	0	0	2	189	455	842	956	713	702	148	38	3	4048	
LOUISVILLE WB AP	0	1	10	276	511	903	987	778	771	213	61	14	4525	4660
MAMMOTH CAVE PARK	5	6	24	268	544	873	989	801	825	205	64	19	4623	
NOLIN RIVER RESERVOIR	2	0	21	251	515	911	1041	810	853	243	86	12	4745	
ROUGH RIVER DAM	5	5	39	295	532	940	1054	820	849	245	74	20	4878	
SCOTTSVILLE 3 SSW	0	0	10	206	487	829	914	722	732	162	41	8	4111	
SUMMER SHADE	0	5	31	296	552	881	960	760	796	203	61	11	4556	
WOLF CREEK DAM	0	4	24	271	517	872	961	784	824	246	86	22	4611	
* * *														
BLUE GRASS 03														
BEREA COLLEGE	1	0	9	224	502	892	967	776	767	197	53	14	4402	4143
CARROLLTON LOCK 1	1	7	23	273	518	917	1012	798	786	224	72	19	4650	
COVINGTON WB AIRPORT	0	4	32	316	576	965	1072	872	852	298	84	29	5100	5265
CYNTHIANA 2	6	15	46	320	566	988	1140	879		318	108	25		
DANVILLE	2	7	24	281	548	969	1062	837	840	279	86	28	4963	
DIX DAM	2	6	24	257	521	894	973	792	794	209	78	17	4567	
FALMOUTH 5 WNW	5	19	36	334	605	996	1074	875	873	293	96	27	5233	
FARMERS 1 WNW	2	13	25	277	534	929	1005	800	793	240	75	22	4715	4487
FLEMINGSBURG 1 SW	3	12	34	299	562	966	1047	831	827	263	88	27	4959	
FRANKFORT LOCK 4	3	9	26	309	564	951	1070	849	859	317	103	21	5081	4508
LEXINGTON WB AIRPORT	0	5	20	296	552	938	1011	799	800	261	77	17	4776	4683
MAYSVILLE SEWAGE PLANT	1	8	19	306	555	955	1068	845	827	335	106	27	5052	4749
MOUNT STERLING	1	6	16	244	522	922	997	781	774	214	68	17	4562	
OWENTON 2 S	3	5	26	299	581	977	1059	858	862	265	81			
RICHMOND	0	8	27	288	542	945	995	830	818	261	81	21	4816	
SHELBYVILLE	3	10	41	330	585	981	1098	860	868	316	97	28	5217	4546
WARSAW MARKLAND DAM	4	14	33	331	577	990	1112	879	900	321	119	33	5313	4728
WAYNESBURG 7 NE	3	9	21	260	528	900	1003	798	800	226	71	21	4640	
WILLIAMSTOWN 3 NW	0	10	17	269	555	955	1054	823	805	253	73	20	4834	4689

See Reference Notes Following Station Index

Continued

MONTHLY AND SEASONAL HEATING DEGREE DAYS

SEASON OF 1968 - 1969

KENTUCKY

* * *

Station	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL	NORMALS JULY-JUNE
EASTERN 04														
ASHLAND	4	14	33	313	540	978	1051	856	856	312	121	28	5106	4226
BARBOURVILLE	0	12	18	289	565	916	991	803	844	266	93	22	4819	
BAXTER	1	12	29	297	618	979	993	821	851	291	104	25	5021	
BLAINE	6	29	58	328	606	1020	1074	877	896	321	127	29	5371	
CUMBERLAND	0	9	26	286	567	915	925	810	827	237	93			
DEWEY DAM	0	6	23	307	561	996	1054	844	850	277	98	15	5031	
GRAYSON 5 SE								886	885	337	132	28		
GRAYSON 3 SE	9	23	49	334	597	1016								
HEIDELBERG LOCK 14	0	10	30	250	516	892	964	775	781	224	70	18	4530	
HINDMAN 11 NNE	2	12	38	344	592	996	1049	844	847	279	111	24	5138	
HYDEN	0	9	29	326	584	977	1009	823	849	261	94	18	4979	
JACKSON	4	14	23	293	552	978	1031	837	851	275	136			
LONDON FAA AP	0	9	38	318	603	976	1020	847	835	244	82	21	4993	
MANCHESTER 4 SE	2	10	22	251	538	879	968	783	793	217	78	18	4559	
MC KEE	14	31	72	353	631	1036	1113	908	938	345	139	44	5624	
MIDDLESBORO	0	11	31	295	601	949	991	815	842	275	102	19	4931	
MONTICELLO	1	6	21	248	521	857	936	757	784	193	63	11	4398	
MOUNT VERNON	2	8	30	252	506	897	977	823	847	216	66	20	4644	
PIKEVILLE	0	0	2	221	482	855	803	717	691	159	48	6	3984	
SOMERSET 2 N	0	5	36	271	523	904	969	788	824	212	74	24	4630	
STEARNS	0	9	54	322	583	954	1008	849	861	281	87	11	5019	
TOMAHAWK 1 WSW	8	28	64	360	627	1037	1089	884	890	338	139	36	5500	
VANCEBURG	12	22	66	366	602	1058	1098	915	896	256	109	34	5434	
WEST LIBERTY	7	25	37	324	581	1008	1074	830	860	309	114	27	5196	
WILLIAMSBURG 1 E	0	4	19	217	484	787	887	738	741	178	58	9	4122	3893

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN NAZARETH COL																																		
	4	MAX	81	82	81	81	82	83	82	82	82	82	79	80	80	81	80	80	81	81	84	83	84	80	79	81	81	82	83	79	79	79	79	81.1
		MIN	77	76	76	76	78	79	78	80	78	78	77	77	78	76	76	78	78	78	78	79	80	78	76	76	77	77	79	76	74	73	73	77.1
	20	5PM	74	75	74	74	75	75	75	75	75	75	76	75	75	75	75	75	75	76	76	76	77	77	76	75	76	76	76	76	75	75	75	75.3
BEREA COLLEGE																																		
	4	MAX	81	81	79	80	80	80	79	79	80	80	79	81	81	80	81	81	81	82	82	81	81	80	79	81	81	82	81	80	80	78	78	80.3
		MIN	79	79	76	77	78	79	79	79	78	79	78	78	78	77	77	79	80	80	80	78	79	79	77	78	79	79	79	77	77	75	75	78.1
	20	5PM	74	74	74	74	74	75	75	75	75	76	76	76	76	76	76	76	76	76	77	77	77	-	-	-	-	-	-	-	-	-	-	-
CAMPBELLSVILLE 2 SSW																																		
	4	MAX	82	81	83	85	85	83	84	80	84	81	81	85	84	84	84	84	85	86	86	86	86	82	82	83	83	88	87	80	81	82	80	83.5
		MIN	77	76	75	77	78	78	78	76	76	80	77	79	78	79	77	76	79	79	79	78	80	80	79	78	78	79	78	76	75	74	75	77.5
	20	6PM	74	74	73	74	74	75	75	75	75	76	75	75	75	76	76	76	76	76	77	77	77	77	76	76	76	76	76	76	76	75	75	75.5
CUMBERLAND GAP PARK																																		
	4	MAX	82	80	81	82	82	82	81	80	81	83	82	82	82	83	83	83	83	83	82	83	80	81	82	81	82	81	82	81	79	78	79	81.5
		MIN	76	75	75	75	76	77	77	76	76	77	77	77	77	78	77	77	77	77	78	78	76	77	77	76	76	77	78	78	75	77	74	76.6
	20	5PM	73	73	73	73	74	73	76	75	75	75	75	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	75	75	75.3
FLEMINGSBURG 1 SW																																		
	4	MAX	77	76	76	75	75	76	75	76	75	75	73	80	76	76	75	76	75	77	75	74	74	72	73	73	73	73	73	73	70	70	70	74.4
		MIN	73	70	70	71	72	73	72	73	73	73	71	73	71	70	70	72	72	72	72	72	72	71	71	71	70	70	71	70	68	66	66	71.0
	20	6PM	70	70	70	70	70	70	70	70	70	71	70	70	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	70	70	70.6
GLASGOW WKAY																																		
	4	MAX	83	82	81	83	83	84	84	84	84	84	83	84	84	84	83	84	84	84	85	85	83	84	84	84	84	83	82	81	81	80	80	83.2
		MIN	79	77	76	77	78	80	78	79	79	80	80	79	80	79	77	79	79	79	79	80	79	80	79	80	80	80	79	77	76	75	74	78.5
	20	6PM	73	73	73	74	74	74	74	75	75	75	75	75	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	75	75	75	75.2
GREENVILLE 2 W																																		
	4	MAX	87	87	87	87	88	88	87	88	92	88	88	88	90	89	89	-	89	91	88	-	-	-	-	-	-	-	-	89	83	84	84	87.8
		MIN	82	81	80	79	82	83	81	82	82	84	84	72	83	83	83	-	83	84	84	-	-	-	-	-	-	-	-	80	79	78	77	81.2
	20	5PM	75	76	75	75	75	76	76	74	75	76	77	77	78	78	78	-	78	79	78	-	-	-	-	-	-	-	-	78	77	77	77	76.6
HENDERSON 7 SSW																																		
	4	MAX	84	83	81	82	83	83	84	84	85	85	85	85	85	85	85	85	86	86	86	85	85	83	82	83	82	83	82	82	80	80	81	83.5
		MIN	81	81	79	79	80	82	81	83	83	83	82	82	83	84	82	84	84	84	84	84	83	82	81	81	80	81	81	80	78	78	78	81.5
	20	6PM	74	74	74	74	75	75	75	75	76	76	76	76	77	77	77	77	77	77	77	77	77	77	76	77	76	76	76	76	76	76	76	76.0
IRVINGTON																																		
	4	MAX	83	83	81	83	83	81	88	84	83	83	81	83	83	82	82	83	83	84	84	83	83	80	79	80	80	81	81	78	80	84	82	82.2
		MIN	77	75	75	75	77	79	79	79	78	78	79	78	78	77	76	78	78	78	79	78	78	79	76	76	75	75	78	74	71	72	71	76.6
	20	4PM	71	71	71	71	71	72	-	72	72	72	72	72	73	73	73	73	73	73	73	73	73	74	73	73	73	73	73	73	72	72	72	72.4
LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	87	88	88	91	90	87	90	90	88	80	87	87	83	91	95	98	101	101	101	99	85	89	88	91	91	97	88	90	85	97	97	91.0
		MIN	72	67	68	71	72	74	73	74	74	74	74	70	71	68	67	73	73	73	74	74	73	72	71	69	69	69	71	67	67	65	65	70.8
	2	MAX	85	85	86	89	89	86	88	87	86	80	84	86	83	87	90	93	95	95	96	93	83	84	86	88	87	92	84	87	82	91	91	87.7
		MIN	73	68	69	72	73	75	74	75	75	75	74	71	72	69	69	74	75	75	76	76	74	73	71	71	70	70	72	69	68	67	67	72.0
	4	MAX	82	81	82	84	85	82	84	84	84	78	81	83	81	83	86	89	90	91	91	89	82	82	83	84	85	88	82	83	79	86	87	84.2
		MIN	74	71	71	74	74	76	75	76	75	76	75	73	74	71	71	75	76	76	77	77	75	74	72	72	72	72	74	71	70	69	70	73.5
	8	MAX	79	78	78	80	80	79	80	80	80	77	78	79	78	78	80	82	83	84	84	33	79	78	79	79	80	82	79	79	76	80	80	79.7
		MIN	75	73	73	75	75	77	76	76	76	76	75	74	75	73	73	76	77	77	78	78	77	75	74	74	74	74	75	74	73	71	72	74.9
(SOD)	1	MAX	82	81	82	84	84	82	84	85	84	80	82	84	81	82	83	84	85	85	86	84	81	31	82	84	84	85	80	80	77	81	81	82.6
		MIN	72	72	72	74	75	76	75	76	76	76	76	74	75	73	73	76	76	76	76	76	76	76	74	74	75	74	75	74	72	70	70	74.4
	2	MAX	81	81	81	82	83	81	83	83	83	79	81	82	81	81	81	83	84	84	84	83	81	81	81	82	83	84	80	79	77	80	80	81.6
		MIN	73	72	73	75	75	76	75	76	76	76	76	74	75	73	73	76	76	76	77	77	76	76	74	74	75	75	76	74	72	71	71	74.6
	4	MAX	79	79	79	81	81	80	81	81	81	78	79	81	80	80	80	81	82	82	83	82	80	80	80	81	82	82	79	79	76	79	79	80.2
		MIN	73	73	73	75	75	76	76	77	76	77	76	75	76	74	74	76	76	76	77	77	77	76	75	75	76	76	76	75	73	72	72	75.2
	8	MAX	76	76	76	77	78	78	78	78	79	77	77	78	78	77	78	79	80	80	80	79	78	78	78	78	79	79	78	77	76	76	76	77.8
		MIN	74	74	74	75	76	76	76	77	76	76	76	75	76	75	75	76	76	77	77	77	77	76	75	76	76	76	77	76	74	73	73	75.6

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

CONTINUED

KENTUCKY
JULY 1969

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM (500)	20	7PM	72	72	72	72	73	73	73	74	74	74	74	74	74	74	74	74	74	75	75	75	75	75	75	75	75	75	75	75	75	74	74	74.0
	40	7PM	66	67	67	67	68	68	68	68	68	69	69	69	69	69	69	69	69	70	70	70	70	71	71	71	71	71	71	71	71	71	71	69.3
MAYFIELD RADIO WNGO	4	MAX	91	88	89	-	90	90	90	91	92	90	90	91	89	90	89	-	89	90	88	85	88	89	89	85	86	86	87	88	84	85	84	88.4
		MIN	83	83	82	-	81	81	84	85	83	81	85	85	85	85	84	-	85	84	85	81	84	84	80	81	82	85	85	82	79	79	79	82.8
	20	5PM	80	81	79	-	85	84	80	80	83	82	80	85	-	80	82	-	80	81	81	83	81	81	80	80	80	80	-	81	80	80	80	81.1
PRINCETON 1 SE	4	MAX	88	85	85	86	88	88	87	88	89	88	88	88	90	88	87	88	87	87	88	87	88	86	85	85	86	86	87	83	80	82	83	86.5
		MIN	81	80	78	80	81	81	81	82	83	83	84	83	83	82	80	83	82	82	83	82	82	82	80	81	80	81	83	78	76	77	77	81.0
	20	5PM	76	76	76	75	76	77	77	77	77	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	77	76	76	77.4
QUICKSAND	4	MAX	87	84	84	87	87	86	84	88	83	83	80	82	83	81	82	83	84	85	84	86	84	85	86	85	85	86	85	84	84	81	84	84.3
		MIN	79	77	78	78	79	77	79	79	79	79	79	78	78	76	76	78	80	80	80	80	80	80	79	79	79	79	80	79	77	75	75	78.4
	20	4PM	76	76	76	76	77	77	77	77	77	77	77	77	77	77	76	77	77	78	78	78	79	78	78	78	78	79	79	78	78	77	76	77.3
SANDY HOOK 5 W	4	MAX	81	80	79	80	81	80	80	80	80	80	77	81	81	82	78	81	82	81	82	80	80	81	79	80	81	81	82	79	79	78	78	80.1
		MIN	75	73	74	74	76	75	76	78	77	77	75	77	76	75	72	75	78	79	78	77	78	78	76	76	76	76	76	76	74	72	73	75.7
	20	6PM	71	73	69	70	70	70	73	73	73	74	74	73	74	74	73	74	74	75	75	75	75	75	75	75	75	75	75	75	74	74	74	73.5
SOMERSET 2 N	1	MAX	88	83	85	87	88	87	86	85	86	86	83	86	87	87	86	87	88	89	87	88	88	88	85	86	86	88	87	83	81	82	83	86.0
		MIN	79	76	71	78	78	80	80	79	78	80	78	78	78	78	73	79	80	80	79	80	79	80	79	80	80	80	79	78	76	75	73	78.1
	4	MAX	85	82	83	84	84	85	84	84	84	85	82	84	85	87	83	85	86	86	86	87	87	86	85	84	84	85	86	82	81	81	81	84.3
		MIN	78	73	76	71	71	80	80	79	78	79	78	77	78	78	77	78	79	80	79	79	79	80	78	79	79	79	79	77	75	75	73	77.5
	20	6PM	76	76	76	77	77	78	78	78	78	78	78	81	78	79	79	78	79	79	80	80	80	80	80	79	79	80	79	79	79	78	78	78.5
WILLIAMSTOWN 3 NW	4	MAX	80	80	78	80	80	80	80	81	80	80	78	80	80	80	80	80	80	80	80	80	79	77	78	78	78	78	78	79	75	77	77	79.1
		MIN	77	75	75	77	78	78	78	78	77	77	76	76	77	76	76	78	78	78	78	78	77	77	76	76	75	75	76	75	73	73	72	76.3
	20	6PM	70	70	70	70	71	71	71	72	72	72	72	72	72	72	72	72	73	73	73	73	73	73	73	73	73	73	73	73	72	72	72	72.0

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ↕	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTE)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
AMCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WAIER PLANI
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAN	0490	01	DHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWAROS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			OR. DAVID D. ORYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THONAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HAROIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA M. NEWKIRK
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUNBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLOIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		7A			OTHO KELLER
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNOEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	D1	MUHLENBERG	3	37 05	87 OD	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	D4	PIKE	1	37 18	82 21	768		7A			RONALD G ROWE
ELKTON 2 S	2548	D1	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 D9	83 33	662	6P	7A		H	ARNOLD WAGES
FLENINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLENING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 1D	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYOE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	860		7A			WAOE T. CANNOY
GAMALIEL 1 S	3112	D2	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARO
GEORGETOWN WATER WORKS	3194	D3	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 DO	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GREENSBURG	3430	D2	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	D1	NUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARO	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENOERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNOON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIOGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	D4	KNOTI	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGEMVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	D4	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1155		5P			BEGIE BREEDING SR.
KEEME 1 SSW	4369	D3	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLOHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASIER	4620	D3	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELO 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			PORTER WALLACE, JR.
LEXINGTON WB AIRPORT	4746	D3	FAYETTE	4	38 02	84 36	966	MID	NID		C HJ	U.S. WEATHER BUREAU
LEXINGION CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	NID	NID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	NID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 D2	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDNONSON	3	37 11	86 05	600	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARIIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELO RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRAITON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSOM	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PEMDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	NRS RUTH L CONNER
MIDWAY	5407	03	WOODFORO	4	38 D9	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	D3	NICHOLAS	5	38 18	84 D8	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 D3	610		7A		H	OVA N. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 5D	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MOMTGOMERY	5	38 D4	83 56	910	5P	5P			FREO CARTHILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 18	85 55	710		7A		C	GLENN S. WILSON
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EOMONSOM	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	OAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6D96	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REONON
PAOJCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	NID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADJCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT	6155	D1	MUHLENBURG	3	37 16	86 59	419		5P			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7A		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALOWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	D4	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF EMGINEERS
RICHMONO	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	D1	OHIO	3	37 13	86 54	4D1	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 3D	554	7A	7A			U. S. CORPS OF ENGINEE
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEN FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 D5	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIM	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 W	7165	04	ELLIOT	1	38 07	83 13	1105				G	WILLIAM ADKINS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHEROSVILLE	7334	D2	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	D2	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELO	7604	D3	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHAOE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORO	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAN T WILLIAMSON
TONPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 D2	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIODER
WEST LIBERTY	8551	D4	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. COHNLEY
WILLISBURG 4 N	8719	D3	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 5D	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGIMEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGIMEERS

↕ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

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USCOMM-ESSA-ASHEVILLE-8/29/69-840

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
AUGUST 1969
Volume 64 No. 8

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CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	89.9	60.3	75.1		99	9	52	16	0	16	0	0	0	1.62		.70	19	.0	0		5	1	0
BEAVEP DAM	87.1	61.8	74.5		96	9	54	12	0	6	0	0	0	3.63		2.02	19	.0	0		4	3	1
FORDS FERRY DAM 50	87.9	65.0	76.5		98	9	59	5	0	13	0	0	0	1.98	- 1.32	1.06	19	.0	0		4	1	1
GILBERTSVILLE 1 SE	88.6	64.4	76.5		101	9	57	12+	0	13	0	0	0	7.72		3.50	10	.0	0		6	4	3
GOLDEN POND 8 N	87.3	65.8	76.6		99	10	60	5+	0	6	0	0	0					.0	0				
GREENVILLE 2 W	87.9	62.0	75.0	- 1.6	95	9	53	12	0	13	0	0	0	5.71	2.10	2.09	19	.0	0		5	3	3
HENDERSON 7 SSW	87.1	63.0	75.1	- 2.1	96	9	57	12	0	9	0	0	0	2.46	- .94	1.12	19	.0	0		5	1	1
HICKMAN 1 E	88.1	62.6	75.4		96	9	54	4	0	13	0	0	0	3.11		1.35	19	.0	0		5	2	1
HOPKINSVILLE	89.7	63.4	76.6	- 1.1	101	10	57	5	0	15	0	0	0	4.40	.97	2.40	19	.0	0		5	2	1
LOVELACEVILLE	89.2	62.1	75.7	- 2.6	98	9	55	12	0	15	0	0	0	1.43	- 1.82	.81	19	.0	0		3	1	0
MADISONVILLE 1 SE	88.3	63.0	75.7		96	9	55	12	0	10	0	0	0	3.48		2.10	19	.0	0		4	2	1
MAYFIELD RADIO WNGO	88.0M	63.2M	75.6M						0	12	0	0	0	3.59		1.25	19	.0	0		7	2	1
MURRAY	86.5	65.0	75.8	- 2.8	96	10	59	12	0	6	0	0	0	6.49	3.24	3.10	17	.0	0		6	2	2
OWENSBORO 2 W	89.3	62.4	75.9	- 1.0	96	9	55	6+	0	18	0	0	0	3.85	.40	1.50	19	.0	0		6	3	2
PADUCAH FAA AIRPORT	87.6	63.9	75.8		98	9	59	25+	0	13	0	0	0	2.15		.69	9	.0	0		5	2	0
PADUCAH	88.5	64.5	76.5		98	9	58	12+	0	11	0	0	0	3.46	.14	2.00	10	.0	0		4	2	2
PRINCETON 1 SE	88.5	63.6	76.1	- 1.7	97	9	56	12	0	12	0	0	0	3.35	.02	1.81	19	.0	0		3	2	2
ROCHESTER LOCK 3	85.8	61.5	73.7		95	10	53	12	0	3	0	0	0	4.41		1.37	19	.0	0		6	4	2
RUSSELLVILLE	87.6	62.4	75.0	- 2.2	96	10	55	12	0	9	0	0	0	3.49	.04	1.50	19	.0	0		3	3	2
DIVISION			75.6	- 1.9										3.69	.30			.0					
* * * CENTRAL 02																							
ANCHORAGE	85.8	61.5	73.7	- 1.0	91	9	56	22+	0	3	0	0	0	4.15	.60	1.51	19	.0	0		7	3	1
BARDSTOWN NAZARETH COL	86.9	60.9	73.9		98	9	54	23+	0	4	0	0	0	3.27		2.07	19	.0	0		4	2	1
BARREN RIVER RESERVOIR	88.0	61.7	74.9		97	10	54	12	0	12	0	0	0	4.10		1.32	22	.0	0		5	4	2
BOWLING GREEN FAA AP	88.2	63.6	75.9	- 2.0	99	9	55	12	0	11	0	0	0	3.27	- .33	1.76	19	.0	0		3	2	2
BRADFORDSVILLE	86.9	59.5	73.2		95	10	51	12	0	8	0	0	0	4.71		2.58	20	.0	0		6	2	1
CAMPBELLSVILLE 2 SSW	87.8	62.4	75.1		96	9	57	11	0	10	0	0	0	4.46		2.37	19	.0	0		7	2	1
CECILIA																							
CLERMONT 1 SSE	88.4	59.2	73.8		95	9	52	22	0	11	0	0	0	3.75		2.02	19	.0	0		5	2	1
GLASGOW WKAY	87.9	62.5	75.2		97	9	55	11	0	8	0	0	0	4.93		2.46	19	.0	0		5	3	2
GREENSBURG	89.1	61.6	75.4	- .7	97	10	55	12	0	18	0	0	0	5.21	1.35	1.64	20	.0	0		6	5	2
HODGENVILLE-LINCOLN NP	88.3	61.6	75.0		97	9	56	12+	0	8	0	0	0	4.48				.0	0				
IRVINGTON	87.7	59.8M	73.8M	- 2.7	96	10	53	12+	0	9	0	0	0	5.19	2.05	2.23	19	.0	0		7	4	2
LEITCHFIELD 2 N	88.2	61.7	75.0	- 1.7	98	9	55	3	0	12	0	0	0	5.06	1.68	2.00	22	.0	0		5	4	2
LOUISVILLE	88.7	66.1	77.4		94	16+	59	22	0	16	0	0	0	3.31		1.61	19	.0	0		6	1	1
LOUISVILLE WB AP R	85.4	63.9	74.7	- 1.5	93	9	58	22+	0	4	0	0	0	3.65	.68	1.72	19	.0	0		6	3	1
MAMMOTH CAVE PARK	87.6	61.1	74.4		97	9	53	12	0	9	0	0	0	4.95		2.38	19	.0	0		8	3	1
NOLIN RIVER RESERVOIR	88.0	60.1	74.1		98	10	54	13+	0	12	0	0	0	4.89		1.60	20	.0	0		7	3	2
ROUGH RIVER DAM	88.3	60.7	74.5		98	10	54	12	1	13	0	0	0	7.57		2.65	22	.0	0		7	6	3
SCOTTSVILLE 3 SSW	86.5	64.8	75.7		97	9	58	12	0	4	0	0	0	4.79		1.92	19	.0	0		6	3	2
SUMMER SHADE	87.2	61.8	74.5		96	9	54	11	0	6	0	0	0	4.03		2.30	19	.0	0		6	3	1
WOLF CREEK DAM	88.6	58.7	73.7		95	10	50	12	0	13	0	0	0	2.56		.83	20	.0	0		7	2	0
DIVISION			74.7	- 1.5										4.42	.88			.0					
* * * BLUE GRASS 03																							
BEREA COLLEGE	86.9	63.0	75.0	- .9	92	9	54	11	0	6	0	0	0	4.22	.10	2.60	19	.0	0		7	2	1
CARROLLTON LOCK 1	84.8	61.8	73.3		90	15+	53	23+	0	2	0	0	0	4.85	1.38	3.25	20	.0	0		6	1	1
COVINGTON WB AIRPORT R	85.4	62.5	74.0	- .1	92	31	55	23	0	3	0	0	0	2.15	- .45	1.48	9	.0	0		3	1	1
CYNTHIANA 2	87.5M	59.9M	73.7M		93	16+	50	11	0	13	0	0	0	3.12		1.98	20	.0	0		4	2	1
DANVILLE	86.8	61.7	74.3		93	10	56	23+	2	8	0	0	0	5.11	1.17	2.97	20	.0	0		6	2	2
DIX DAM	86.5	62.3	74.4		94	9	55	11	0	7	0	0	0	5.50		3.15	20	.0	0		7	3	1
FALMOUTH 5 WNW	86.5M	56.7M	71.6M		93	15	49	12+	0		0	0	0	4.67	1.66	2.02	20	.0	0		6	3	1
FARMERS 1 WNW	86.2	59.7	73.0	- 1.2	91	15+	49	22	0	6	0	0	0	3.88	- .23	2.84	20	.0	0		4	2	1
FLEMINGSBURG 1 SW	85.9	60.5	73.2		91	7	51	11	0	6	0	0	0	2.63		1.38	19	.0	0		5	1	1
FRANKFORT LOCK 4	86.8	60.8	73.8	- 2.2	93	10	55	23+	2	8	0	0	0	4.65	1.21	2.02	20	.0	0		7	3	1
LEXINGTON WB AIRPORT R	85.2	64.2	74.7	- 1.3	91	9+	57	11	0	3	0	0	0	5.96	2.75	2.94	19	.0	0		6	4	1
MAYSVILLE SEWAGE PLANT	86.7	61.1	73.9	- .5	93	8	53	22	0	5	0	0	0	2.89	- 1.15	1.07	20	.0	0		4	3	1
MOUNT STERLING	86.2	62.4	74.3		90	19+	54	22	0	2	0	0	0	6.38	2.83	3.11	19	.0	0		5	4	4
OWENTON 2 S																							
RICHMOND	86.2	63.1	74.7		93	8	55	22+	2	9	0	0	0	4.81		2.77	20	.0	0		8	3	1
SHELBYVILLE	86.0	61.5	73.8	- 1.7	93	10+	54	23	0	6	0	0	0	4.00	.38	1.82	20	.0	0		7	2	1
WARSAW MARKLAND DAM	85.5	59.7	72.6	- 2.8	94	15	51	12+	0	6	0	0	0	4.28	.90	1.72	20	.0	0		6	5	1
WAYNESBURG 7 NE	84.9	61.7	73.3		90	15+	55	11	0	2	0	0	0	3.60		2.15	20	.0	0		5	2	1
WILLIAMSTOWN 3 NW	85.2	63.1	74.2	- 1.5	90	31+	55	22	0	5	0	0	0	3.89	.66	1.68	19	.0	0		4	3	2
DIVISION			73.8	- 1.7										4.26	.59			.0					
* * * EASTERN 04																							
ASHLAND	86.1	60.3	73.2	- 2.6	92	8	51	22	0	5	0	0	0	4.75	1.43	2.35	20	.0	0		5	2	2
BARBOURVILLE	86.2	60.5	73.4		91	16+	54	25+	0	4	0	0	0	2.15		1.02	20	.0	0		4	1	1
BAXTER	85.5	60.7	73.1		91	31+	56	12	0	4	0	0	0	3.72		1.22	20	.0	0		7	3	2
BLAINE	87.5	58.2	72.9		92	18+	51	23+	0	9	0	0	0	4.36		2.34	20	.0	0		4	3	2
CUMBERLAND	86.1	59.3	72.7		95	18	51	23	0	4	0	0	0	4.11		1.59	10	.0	0		7	4	1

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 100

CLIMATOLOGICAL DATA

Continued

KENTUCKY
AUGUST 1969

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	81.8	58.5	70.2		87	16+	53	23	0	0	0	0	0	4.00		3.10	20	.0	0		3	1	1
GRAYSON 5 SE	86.4	58.5	72.5		91	16+	49	23+	1	7	0	0	0	4.35		2.44	20	.0	0		4	2	2
HEIDELBERG LOCK 14 R	86.7	61.1	73.9		92	10	54	12+	0	7	0	0	0	3.49	- .52	2.13	20	.0	0		4	3	1
HINDMAN 11 NNE	85.4	59.8	72.6		90	19+	55	29+	0	3	0	0	0	2.94		1.55	20	.0	0		3	3	1
HYDEN	84.9M	61.0M	73.0M		91	19			0	3	0	0	0	2.73		.81	20	.0	0		6	3	0
JACKSON	88.1	61.4	74.8		95	19	57	23+	0	16	0	0	0	3.30		2.18	20	.0	0		5	2	1
LONDON FAA AP	84.8	60.6	72.7		93	9	55	26+	0	2	0	0	0	2.24		.90	9	.0	0		3	2	0
MANCHESTER 4 SE	85.6	61.0	73.3		91	18	55	24+	0	2	0	0	0	3.00		1.05	10	.0	0		5	3	1
MC KEE	84.6	57.8	71.2		91	10	50	11	1	2	0	0	0	3.01		1.95	20	.0	0		5	1	1
MIDDLESBORO	85.0	60.7	72.9		90	19+	52	24	0	3	0	0	0	2.49		1.30	20	.0	0		4	1	1
MONTICELLO	88.0	61.4	74.7		94	9	53	12+	0	11	0	0	0	3.65		1.56	18	.0	0		5	3	1
MOUNT VERNON	86.0	58.3	72.2		92	9	49	11	0	3	0	0	0	4.58		1.50	19	.0	0		6	3	3
PIKEVILLE	89.1M	63.4M	76.3M		94	31	58	28	0	18	0	0	0	2.15	- 1.80	.93	20	.0	0		5	1	0
SOMERSET 2 N	86.4	58.7	72.6		93	9	51	11	0	4	0	0	0	3.94		1.36	19	.0	0		5	4	2
STEARNS	85.5M	61.1M	73.3M		92	10	56	12	0	1	0	0	0	2.06		.95	22	.0	0		5	1	0
TOMAHAWK 1 WSW	85.8	56.8	71.3		91	16	51	24+	0	5	0	0	0	5.34		3.92	20	.0	0		4	2	1
VANCEBURG	85.9	56.9	71.4		91	29+	48	11	0	4	0	0	0	3.73	.04	1.40	9	.0	0		5	3	2
WEST LIBERTY	86.3	58.5	72.4		92	19	51	25+	0	6	0	0	0	5.99		4.25	20	.0	0		4	2	1
WILLIAMSBURG 1 E																							
DIVISION			72.9	- 2.4										3.58	- .22			.0					

SPECIAL WEATHER SUMMARY

August will be remembered for some warm temperatures, but also for many fine sunny days; for below average temperatures and relatively low humidities on about half of the days of the month; for dry spells at the beginning and end of the month. Rainfall was quite variable, totals from less than 2 inches to more than 6 inches.

Rainfall on the 8th and 9th was the first significant rainfall in more than two weeks in some sections. Much of the month's rain came from the storm Camille; in about 10 to 14 hours on the 19th the general rains broke a dry spell. The week of the 18th-24th was the rainiest week of the year to date in parts of Kentucky. Because of the generally steady nature of the rain and the previously dry soil, there was no flooding. However, the month ended on a dry note. As of the 31st, depending on location, it had been from 9 to 12 days since there had been any rainfall.

On the 8th several barns were destroyed by fires apparently set by lightning in Scott and Madison Counties. In Clark County high winds on the night of the 8th were responsible for damaging or destroying more than a half-dozen barns, and for damaging other buildings. Wind and hail were responsible for damage to a number of tobacco crops. On the 9th a woman was killed when struck by lightning near Owensboro; there were at least 16 injuries over the State due to high winds; there were numerous instances of wind damage in most sections of the State, and fires apparently set by lightning strikes damaged or destroyed barns at scattered locations over Kentucky.

On the 15th high winds were associated with an injury in Grayson County. On the 17th in south-central Kentucky in Casey and Pulaski Counties, high winds were responsible for some property damage; wind, hail, and rain were responsible for damage to some tobacco crops.

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Note: The foregoing narrative highlights several noteworthy weather events and was completed before weather data processing for the publication was completed. For further details see the accompanying tables. See also this month's issue of STORM DATA for additional details concerning the storms noted above and other storms.

DAILY PRECIPITATION

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
• • • WESTERN 01																																	
BARDWELL 4 E	1.62									.21							.24	.35		.70	T	.12											•
BEAVER DAM	3.63										.52					T		.84		2.02		.21	.04										•
CALHOUN LOCK 2	3.45										1.23						.22	.33	.09	.88	.47		.23										•
COBB	2.91																.15	.98	.10	1.58	.10												•
DAWSON SPRINGS	3.47																	.17		2.90	.12		.28										•
DUNDEE 4 ESE	5.04		.10								1.30							.75	.18	1.55	.18	.20	.78										•
DUNMOR	4.57			.05													.05	.89	.30	1.81	.55		.92										•
ELKTON 2 S	4.63		T	.02							.10						.28	.91	.50	2.00	.82												•
FORDS FERRY DAM 50	1.98										.36						.02	.29		1.06	.25												•
FRANKLIN 1 E	3.54																.49		.62	.98	.49		.96										•
GILBERTSVILLE 1 SE	7.72									T	3.50					.16	.54	1.17		2.07		.28											•
GOLDEN POND 8 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
GREENVILLE 2 W	5.71		.15								.28					.06	.09	1.45	.03	2.09	1.54	.02											•
HARTFORD 6 NW	4.83		T								1.64						.08	.67	.44	1.73	.07	T	.20										•
HENDERSON 7 SSW	2.46									.28						.36		.45	T	1.12		.25											•
HICKMAN 1 E	3.11		.22								.85						.47	.22	T	1.35		T											•
HOPKINSVILLE	4.40		.12								.40						.03	.97	.03	2.40	.45												•
LOVELACEVILLE	1.43																.23	.20	.08	.81	.03	.08											•
MADISONVILLE 1 SE	3.48	.02									.11							.69	.07	2.10	.04		.45										•
MAYFIELD RADIO WNGO	3.59										.10				.45		.47	.52		1.25	.43	.37											•
MURRAY	6.49		.03	.03							.12					.40		3.10		2.56	.05	.10	.10										•
OWENSBORO 2 W	3.85										.33						.15	.50	.07	1.50	.10		1.20										•
OWENSBORO DAM 46	3.57										.30						.17	.36	.02	.41	1.20	.03	1.08										•
PADUCAH FAA AIRPORT	2.15	.01								.69						.13	.38	T	.50	.38	T	.06											•
PADUCAH	3.46										2.00						.23			1.08		.15	T										•
PARADISE STEAM PLANT R	4.39										.12						.07	.07	.84	.90	.97		1.42										•
PRINCETON 1 SE	3.35		.03								T					.19	.08	1.23		1.81		.01											•
ROCHESTER LOCK 3	4.41		.10								.03							.49	.67	1.37	.72		1.03										•
RUSSELLVILLE	3.49			T													.08			1.50	.60		1.31										•
SEBREE	5.85										2.13						.05	.65		2.41	.27		.34										•
UNIONTOWN DAM 49 //	1.42										.35							.12		.52	.33		.10										•
• • • CENTRAL 02																																	
ADDISON DAM 45 //	4.23										.30					.06		.12	.82	.63	1.27	T	1.03										•
ALBANY 4 N	2.93			.04							.14						.33		.18	.32	.87		1.05										•
ANCHORAGE	4.15								.20	.40	.81						.73		.10	1.51		.40											•
BARDSTOWN NAZARETH COL	3.27								.07		.44						.50	.02		2.07	T	.12	.05										•
BARREN RIVER RESERVOIR	4.10									.03							.11		.65	.82	1.17		1.32										•
BOWLING GREEN	2.32																			1.05	1.25		.02										•
BOWLING GREEN FAA AP	3.27		T							.01						T	.21	.04	.08	1.76		1.17											•
BRADFORDSVILLE	4.71										.40						.70	.41	.40		2.58	.22											•
BROWNSVILLE	4.18		.10	T						.04	.28						T	.04	.33	.96	1.55		.88										•
BURKESVILLE 2 W	2.38										.10							.15	.18	.37	.96		.62										•
CAMPBELLSVILLE 2 SSW	4.46		T								.40						.24	.22	.58	2.37		.39	.26										•
CANEYVILLE	5.43										.42					.33	T	.96	.47	1.06	.78		1.41										•
CECILIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
CLERMONT 1 SSE	3.75								.02	.05	.79					.06	.25	T	.33	2.02		.21	.02										•
EDMONTON	4.05										.30					.05	.30		.10	.60	1.30		1.40										•
GAMALIEL 1 S	5.02			T												.37	.06	.07	1.16	.75	1.51		1.10										•
GLASGOW	4.20										.07					.05	.19		.58	1.13	1.10		1.08										•
GLASGOW WKAY	4.93										.10				T	.17		.63		2.46		1.49	.08										•
GLENDALE 1 E	4.57										.55						.06	T	.68	.84	1.44		1.00										•
GREENSBURG	5.21			.01							.19					.09	.50	.02	1.05	.75	1.64		.96										•
GREENSBURG HIWAY 61	5.57			.01							.21					.11	.50	.03	.74	1.54	1.53		.90										•
HODGENVILLE-LINCOLN NP	4.48										.55						T	*	*	2.71	.02	.37	.83										•
IRVINGTON	5.19									T	.18						.38	.54	.20	2.23		1.12	.54										•
LEITCHFIELD 2 N	5.06										1.02						.02	.18		.90	.94		2.00										•
LIBERTY	2.81									.04	.43						.11	.08	.14	.49	1.42		.10										•
LOUISVILLE	3.31								.42	.33	.38				T		.04	.02	.08	1.61	T	.22	.21										•
LOUISVILLE WB AP R	3.65								.35	.52						.03	.18	.01	.34	1.72		.50											•
LOUISVILLE UPPER GAGE	2.63										.88						T	.03	.15	.12	1.12		.33										•
MAMMOTH CAVE PARK	4.95		.04							T	.28					.32	T	.61	.18	2.38	.12	.10	.92										•
MILLERSTOWN	5.72										.52					1.09	.07		.07	.77	1.59	.10	1.51										•
MUNFORDVILLE	6.54		.10								.31					.90	.65	.15	.13	.10	2.74	T	1.46										•
NOLIN RIVER RESERVOIR	4.89			.14						T	.39							.36	.35	.80	1.60		1.25										•
ROUGH RIVER DAM	7.57		.02								1.45					T	T	.80	.90	1.00	.55	.20	2.65										•
SCOTTSVILLE 3 SSW	4.79		.22												.06	.05	.15	.63		1.92		1.37	.39										•
SCOTTSVILLE 2 SW	4.52																.02	.25	.70	1.20	1.05		1.30										•
SHEPHERDSVILLE	4.28									.30	.70							.70	.05	.70	1.56		.27										•
SUMMER SHADE	4.03										.12					.12	.16	.66		2.30		.67											•
WOLF CREEK DAM	2.56			.16	.02						.12						.65	.11	.04	.36	.83		.27										•
WOODBURY LOCK 4	3.89		.40								.21					.04	.08	.32	.08	1.09	1.01		.66										•
• • • BLUE GRASS 03																																	
BEREA COLLEGE	4.22								.22		.66						.30	.10	.11	2.60	.10	.08	.05										•
BEREA	4.08									.17	.62						.39	T	.13	T	2.69		.08										•
CARROLLTON LOCK 1	4.85									.18	.39						.48	T	.45	.10	3.25		T										•
COVINGTON WB AIRPORT R	2.15	.01							.03	1.48						.04	.33	T	.25	.01													•
CYNTHIANA	3.08									T	.23						.27	.59		T	1.99		T										•
CYNTHIANA 2	3.12									.20							.76		.05	.13	1.98												•
DANVILLE	5.11									.18	.47						1.01	.19	.08	.07	2.97		.14										•
DIX DAM	5.50									.25	.64						.67	.44		.20	3.15		.15										•
FALMOUTH 5 WNW	4.67								T	T	.42						.92	.28	.31	.72	2.02												•
FARMERS 1 WNW	3.88									.07	.60						.14	.05	.05	.13	2.84												•
FLEMINGSBURG	2.46									T	.40						.07	.26		.07	1.66												•
FLEMINGSBURG 1 SW	2.63								.02	.18	.32						.34		.01	1.38	.38												•
FORD LOCK 10	4.60									.36	.36						.39	.63	.03	.02	2.76		.05										•
FRANKFORT LOCK 4	4.65		.27							.26	.83	T					.68	.38		.12	2.02	T	.09										•
GEORGETOWN WATER WORKS	4.74									.47	.96						*	1.06		.15	2.10												•
GEST LOCK 3	4.05									.11	.47						.90	.39	.30	.08	1.76		.04										•
HIGH BRIDGE LOCK 7	5.50									.55	.45						.58	.52		.19	3.06		.15										•
KEENE 1 SSW	5.54									.24	.80						.48	.18		.22	3.20		.42										•
LA GRANGE 1 ESE	5.42		T						.58	.42	.19						1.03	1.01	.34	1.59	.02	.17	.04	.01		.02							•
LANCASTER	4.91									*	.74						*	*	1.66		2.42		.09										•
LEXINGTON WB AIRPORT R	5.96								.46	.85						.62	.97	T	T	2.94		.12											•
LITTLE HICKMAN LOCK 8	5.79									.37	.72						.78		.71	.12	2.95		.14										•
LOCKPORT LOCK 2	3.92		T							.15	.66						.42	.39	T	.10	2.15		.05										•
MAYSVILLE SEWAGE PLANT	2.89								T	T	.84						T	.58	.07	.33	1.07												•
MIDWAY	5.75		.03							.39	1.22						1.08	.76		T	2.24		.03										•
MOUNT STERLING	6.38								1.02	1.13							1.02	.10		3.11													•
OWENTON 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•
RICHMOND	4.81									.70	.53						.23	.18	.10	.20	2.77		.10										•
SALVISA LOCK 6	5.78									.52	.57						.76	.42		.15	3.04		.32							T			•
SHELBYVILLE	4.00		T							.37	.67						.17	.42	.09	.13	1.82		.33										•
SPRINGFIELD	6.25										.92						1.42	.39	.39	.80	2.16	.17											•
TAYLORSVILLE	4.00									.45	.21						.50	.06		.23	2.15		.40										•
TYRONE LOCK 5	5.99									.50	.98	T					.83	.32	T	.19	2.85	T	.32										•
VALLEY VIEW LOCK 9	4.82									.18	.34						.69	.07	.66	.07	2.68		.13										•
WARSAW MARKLAND DAM	4.28	.60							T	T	.66						.56	.05	.12	.57	1.72												•

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	3.60										.28						.59	.47	.11	T	2.15	T										
WILLIAMSTOWN 3 NW	3.89	T							T	.34							.77	.01	1.02	1.68	.04	.02	.01									
* * *																																
EASTERN 04																																
ASHLAND	4.75			.02	.07					.48	1.19						T	.22	.03	.39	2.35											
BARBOURVILLE	2.15			.21						.08	.28						.43		.07	T	1.02		.06									
BAXTER	3.72			1.10	.05					.12	.30			.02			.66	T	T	.14	1.22		.11									
BLAINE	4.56									.23	1.40						.09			.50	2.34											
BUCKHORN	1.78			.12		T				.40	.25						.05	.01		T	.95	T	T									
BURDINE 2 NE	3.50				.75					.70	.60						.07		.20	.04	1.14											
CLAY CITY 1 WNW	6.65									.65	.70						1.20	.10	.10	.05	3.85											
COLLEGE HILL LOCK 11	5.01									.23	.29						.31	.25	.03	T	3.87		.03									
CUMBERLAND	4.11		.05	.50	T				.14	.19	1.59		.04				.25	T	T	.50	.72	.07	.06	T								
CUMBERLAND FALLS ST PK	1.36		.01		.04				.04	.19						.20	.03	.01		.68		.16										
DEWEY DAM	4.00							.05	.05		.35							.45		T	3.10											
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FISHTRAP RESERVOIR	2.30			T	.03					.30	.50			T			T	.02		.34	1.11	T										
FREEBURN 2 SW	3.45				.33					.78	.40						.15	.03	.01	.14	1.61											
FRENCHBURG	4.89									.75	1.22	T					.10		.15		2.65		.02									
GRAYSON 5 SE	4.35				.03					.16	1.45							.05	.02	.20	2.44											
GRAYSON RESERVOIR	4.38									.09	1.46						.01	.01	.01	.80	2.00											
HAZARD WATER WORKS	2.39			.28						.33	.36						.40	.18	.04		.80											
HEIDELBERG LOCK 14 R	3.49			.14	T					.61	.50						.09	T	T	.02	2.13		T									
HINDMAN 11 NNE	2.94									.68	.67									.04	1.55											
HYDEN	2.73			.71						.30	.55						.18	.01	.10	.07	.81											
JACKSON	3.30				T					.55	.36						.10			.11	2.18											
JEREMIAH	1.97		.24	.05						.55	.25						.12			.20	.56											
LLOYD GREENUP DAM	3.92									.03	1.83							.19	.44	.27	1.16											
LONDON FAA AP	2.24		T	T					T	.90	T					.40	.01	T	.01	.89	.01	.02	T									
LOUISA 2	4.07				.04					.09	.94						.02	.02	.35	.21	2.40											
MANCHESTER 4 SE	3.00			.65						.22	1.05						.09			.12	.81		.06									
MARTIN	3.13			.91	.06					.30											1.86											
MC KEE	3.01			T	.17					.35	.20						.20	.09	T	T	1.95		.05									
MIDDLESBORO	2.49		.04	.42							.03						.27	.07	.02	.03	1.30		.31									
MONTICELLO	3.65			.02							.13					.07	.33		1.56	.05	.82		.67									
MOUNT VERNON	4.58			.13					.11		.30						1.48		T	1.50	1.01	T	.05									
ONEIDA	1.87			.05						.42	.30						.05			.07	.98											
PAINTSVILLE 1 S	5.47								.46	T	.52			.32			.12	T	T		4.05											
PIKEVILLE	2.15		.40	.03					.20								.03	.16	T	.40	.93											
PINEVILLE 4 NW	2.73			.30	.08						.56						.27		.10	.03	1.31		.08									
RAVENNA LOCK 12	4.45									.59	.26						.23	.11	.02		3.20		.04									
SALYERSVILLE 2 SE	4.43				.22					.34	.66										3.21											
SOMERSET 2 N	3.94			.07							1.04						.52	.19	.55	1.36	.07	.05	.09									
STEARNS	2.06										.10						.11	.07	.38		.45		.95									
TILFORD	3.45									.72	1.42						T	T		*	1.31											
TOMAHAWK 1 WSW	5.34									.32	.74							.36	T	T	3.92											
VANCEBURG	3.73								.06	1.40							.25		.70	1.02	.30											
WEST LIBERTY	5.99			T						.45	.74						.04	.03	.09	.39	4.25											
WILLIAMSBURG 1 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILLOW LOCK 13	4.07									.70	.45						.05		T	T	2.85		.02									

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	7	0.1	6.4	28++	31	09	80	86	53	59	1	4	2	0	1	0	8	-	4.5
LEXINGTON WB AIRPORT	9	1.1	6.8	25++	12	19	75	80	51	57	2	0	2	3	0	1	8	-	4.1
LOUISVILLE WB AIRPORT	7	0.5	5.9	33	NW	09	83	88	54	59	0	2	3	2	1	0	8	80	3.8

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	93	86	85	87	90	92	94	96	99	95	85	87	93	93	90	84	89	84	92	94	85	83	87	87	88	88	89	93	91	94	93	89.9
	MIN	61	63	57	54	57	56	58	68	75	59	56	54	57	62	62	52	65	60	64	69	68	63	60	59	56	59	59	58	58	60	60	60.3
BEAVER DAM	MAX	88	88	82	85	85	87	90	90	96	91	82	84	88	90	89	83	84	90	86	89	86	81	84	86	87	86	88	89	89	88	89	87.1
	MIN	60	65	56	59	59	58	59	66	73	62	62	54	59	62	66	64	67	68	71	66	69	59	60	56	57	59	58	60	60	60	62	61.8
FORDS FERRY DAM 50	MAX	91	92	83	84	86	88	92	93	98	82	83	84	91	92	90	83	86	92	97	90	78	81	84	86	86	86	87	89	91	89	91	87.9
	MIN	64	66	62	60	59	62	63	74	69	61	62	61	64	68	62	67	67	72	72	71	66	63	64	63	64	65	65	65	67	62	66	65.0
GILBERTSVILLE 1 SE	MAX	92	86	87	88	89	91	94	96	101	90	85	82	90	91	87	82	85	90	87	92	83	83	87	88	87	88	88	89	90	90	90	88.6
	MIN	62	65	58	57	60	60	61	71	75	62	60	57	64	69	67	69	67	67	73	70	70	64	65	60	61	62	62	63	66	65	65	64.4
GOLDEN POND 8 N	MAX	88	90	83	84	86	87	89	93	95	99	84	85	86	88	89	87	81	84	89	86	92	85	81	86	86	87	86	87	89	85	90	87.3
	MIN	65	65	62	60	60	64	65	67	75	64	62	61	66	67	67	68	67	68	73	70	71	65	63	63	64	64	65	66	68	67	68	65.8
GREENVILLE 2 W	MAX	89	87	81	85	86	89	90	90	95	93	82	84	91	90	90	85	87	91	86	90	88	81	84	88	86	86	89	90	91	90	90	87.9
	MIN	60	65	57	56	59	58	59	67	72	60	58	53	59	63	64	66	67	68	72	68	71	60	60	58	59	58	59	60	62	62	62	62.0
HENDERSON 7 SSW	MAX	90	80	83	85	87	89	90	90	96	83	82	85	89	92	89	82	85	91	87	90	80	81	85	86	87	87	88	89	92	89	92	87.1
	MIN	64	60	59	59	60	58	62	72	72	59	59	57	61	66	64	67	67	71	72	68	66	59	60	59	60	59	61	63	65	62	62	63.0
HICKMAN 1 E	MAX	89	89	83	84	86	88	91	94	96	95	94	84	90	90	88	86	86	90	89	91	83	80	84	84	87	85	84	90	92	90	90	88.1
	MIN	60	64	58	54	57	55	58	71	75	61	58	55	58	62	61	66	64	74	66	67	68	61	57	58	57	59	57	65	68	70	76	62.6
HOPKINSVILLE	MAX	91	95	86	86	89	90	94	95	96	101	88	85	89	92	90	86	86	88	90	83	93	86	85	88	89	90	88	89	91	91	91	89.7
	MIN	62	62	60	58	57	62	62	61	67	62	60	59	59	64	64	66	68	68	70	69	69	63	63	62	62	63	64	63	63	67	65	63.4
LOVELACEVILLE	MAX	91	83	86	87	88	92	92	95	98	87	88	88	93	93	90	81	86	88	91	91	84	83	86	88	88	87	90	93	93	92	92	89.2
	MIN	60	62	58	56	59	58	60	70	71	59	56	55	60	62	63	67	66	68	72	69	69	63	60	60	58	61	60	59	60	62	62	62.1
MADISONVILLE 1 SE	MAX	88	87	85	86	86	88	90	91	96	93	83	85	89	91	91	88	85	90	91	91	87	85	86	86	87	87	88	89	90	89	89	88.3
	MIN	61	64	59	58	61	59	61	70	75	62	60	55	59	64	65	66	68	69	71	68	69	60	59	59	60	60	61	62	63	62	63	63.0
MAYFIELD RADIO WNGO	MAX	91	91	85		89	88		92		94	85	87	88	93	87	83	84	84	88	92	84	84	86	84			87	91	90	91	90	88.0
	MIN		61	52		61	65		67	71	69	65		62	55	69	64		68	73	67	66	65	62	60			58	55	59	61	62	63.2
MURRAY	MAX	87	89	82	83	84	86	89	91	92	96	83	84	86	92	89	87	80	84	90	85	90	83	80	84	85	87	84	85	89	87	88	86.5
	MIN	63	65	60	60	63	61	64	70	73	62	60	59	62	66	67	68	67	70	73	71	70	65	62	64	62	64	64	64	67	65	65	65.0
OWENSBORO 2 W	MAX	90	83	86	89	90	92	91	90	96	85	86	90	92	93	93	84	84	92	85	92	85	84	86	88	90	89	90	91	94	93	94	89.3
	MIN	59	60	56	55	58	55	58	69	73	62	60	58	62	65	69	67	68	70	70	70	67	60	60	60	59	57	60	62	61	62	63	62.4
PADUCAH FAA AIRPORT	MAX	90	80	84	86	88	90	90	94	98	84	84	85	91	92	88	79	85	90	89	90	82	82	85	85	87	87	88	92	90	91	90	87.6
	MIN	62	64	59	60	62	61	62	74	68	64	61	59	62	68	66	67	67	69	73	71	66	63	62	60	59	62	62	62	61	62	62	63.9
PADUCAH	MAX	89	86	84	85	87	89	91	94	98	95	85	85	88	91	90	88	87	90	89	90	88	84	86	86	87	87	87	90	90	89	90	88.5
	MIN	63	64	60	58	62	61	61	74	77	62	61	58	62	66	66	67	67	71	72	71	70	64	61	61	60	63	62	63	64	65	65	64.5
PRINCETON 1 SE	MAX	90	90	82	84	91	89	92	93	97	91	85	86	91	92	88	87	86	90	85	91	89	87	85	86	86	86	88	89	91	89	89	88.5
	MIN	60	64	59	57	60	59	59	72	75	61	57	56	60	66	66	68	67	69	73	69	71	62	59	61	64	61	62	61	64	64	65	63.6
ROCHESTER LOCK 3	MAX	86	89	81	82	84	87	88	90	90	95	83	82	84	89	89	88	82	86	89	80	88	76	80	83	87	86	85	86	88	89	88	85.8
	MIN	60	62	57	58	58	59	58	61	68	64	60	53	57	61	63	65	68	68	69	67	69	59	60	59	58	60	60	62	62	61	61	61.5
RUSSELLVILLE	MAX	87	90	84	84	86	86	89	92	94	96	85	85	88	91	89	90	85	87	92	81	90	79	83	85	87	88	87	87	89	89	90	87.6
	MIN	60	62	59	58	59	60	61	69	71	66	58	55	56	61	67	66	69	70	72	68	69	61	61	56	59	59	59	59	63	61	61	62.4
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	86	83	83	83	86	89	89	88	91	90	80	81	87	88	88	84	85	90	85	84	84	80	83	84	85	84	86	87	89	89	89	85.8
	MIN	57	59	56	57	57	59	60	65	68	60	58	56	61	64	66	68	68	70	70	66	63	56	58	59	58	62	61	60	62	61	63	61.5
BARDSTOWN NAZARETH COL	MAX	86	86	82	85	84	87	89	89	98	91	89	86	86	89	88	88	85	92	87	84	83	80	82	84	83	84	89	89	89	88	91	86.9
	MIN	59	65	56	56	56	58	63	67	72	64	55	54	57	61	65	65	67	67	68	68	64	54	54	56	56	61	58	59	62	61	61	60.9
BARREN RIVER RESERVOIR	MAX	88	91	88	86	86	90	91	93	92	97	85	84	87	92	89	90	87	85	92	75	90	79	82	85	89	88	87	89	91	90	89	88.0
	MIN	59	61	59	56	57	57	60	64	69	66	56	54	56	64	64	70	69	70	72	67	68	64	63	56	59	58	58	58	60	60	60	61.7
BOWLING GREEN FAA AP	MAX	91	87	85	86	88	90	94	94	99	84	83	88	91	92	88	88	87	94	79	90	76	83	86	87	88	88	87	92	89	89	90	88.2
	MIN	63	68	61	60	58	61	60	66	70	66	59	55	61	65	66	67	69	69	72	69	67	64	63	60	60	60	60	63	63	62	64	63.6
BRADFORDSVILLE	MAX	85	88	85	85	86	88	90	91	86	95	83	83	88	92	92	92	85	88	90	87	79	73	83	86	88	86	87	87	88	89	90	86.9
	MIN	56	63	57	56	54	56	52	61	67	62	53	51	57	59	62	69	66	68	69	64	65	69	56	53	55	57	58	57	58	58	58	59.5
CAMPBELLSVILLE 2 SSW	MAX	90	88	87	87	92	87	93	92	96	94	82	85	90	90	90	86	88	90	82	87	85	82	86	85	86	86	86	88	88	87	88	87.8
	MIN	60	60	60	60	59	59	61	66	73	63	57	58	61	63	63	69	70	69	71	65	66	59	58	59	60	60	60	60	61	61	63	62.4
CECILIA	MAX																																
	MIN																																
CLERMONT 1 SSE	MAX	89	89	85	87	88	88	92	93	95	93	83	86	90	90	90	89	88	92	81	87	88	84	85	87	87	88	88	88	90	90	90	88.4
	MIN	58	62	54	55	55	57	58	63	67	59	55	53	57	60	64	61	65	68	70	63	64	52	53	55	56	58	57	61	58	57	59	59.2
GLASGOW WKAY	MAX	90	86	84	85	88	90	94	89	97	93	84	86	91	89	92	87	88	92	84	88	85	80	84	85	87	86	87	89	87	88	89	87.9
	MIN	59	60	59	58	57	59	63	64	70	64	55	59	59	64	65	68	68	70	72	67	67	62	62	58	61	60	60	61	62	62	64	62.5
GREENSBURG	MAX	91	91	89	86	88	90	92	94	93	97	85	85	90	93	93	89	90	88	93	77	91	73	86	88	90	88	88	90	90	91	92	89.1
	MIN	60	61	60	58	58	59	61	62	66	65	56	55	56	62	64	66	68	68	70	66	67	60	60	57	60	60	61	60	60	61	62	61.6
HODGENVILLE-LINCOLN NP	MAX	89	89	85	85	88	91	93	94	97	96	81	85	89	92	93	89	89	95	85	87	86	82	83	85	86	85	85	88	88	87	89	88.3
	MIN	58	61	56	57	57	59	62	66	72	62	56	56	61	64	65	68	67	68	69	66	63	58	57	59	59	60	59	61	61	60	63	61.6
IRVINGTON	MAX	87	88	82	83	86	88	91	92	95	96	82	84	90	92	93	89	84	92	95	88	86	80	83	84	85	86	86	88	89	88	88	87.7
	MIN	56	60	53	55	56	56	57	65	70	60	55	53	59	61	63	67	67	69		65	65	57	58	58	57	57	59	60	58	58	60	59.8
LEITCHFIELD 2 N	MAX	90	86	83	87	88	90	93	91	98	92	82	85	90	89	91	85	88	93	86	90	86	82	84	86	87	86	88	89	90	88	90	88.2
	MIN	59	67	55	56	57	58	58	67	69	64	58	56	57	62	64	66	68	68	72	69	67	59	59	58	59	61	59	60	60	60	62	61.7
LOUISVILLE	MAX	90	91	82	84	89	88	90	90	94	93	81	85	88	90	90	94	83	92	92	87	90	84	86	87	89	88	87	91	91	91	93	88.7
	MIN	66	68	63	65	65	64	65	69	71	64	60	61	65	68	71	63	70	71	71	68	65	59	61	64	65	68	66	67	68	68	69	66.1
LOUISVILLE WB AP	MAX	87	82	83	85	84	88	90	87	93	81	80	85	88	90	88	85	85	91	78	87	73	82	84	85	85	86	85	87	87	88	88	85.4
	MIN	63	65	58	60	61	62	63	69	70	63	59	60	64	65	68	70	70	72	70	68	61	58	59	62	61	63	65	61	64	64	64	63.9
MAMMOTH CAVE PARK	MAX	88	88	84	86	87	90	92	91	97	92	82	86	91	90	90	86	84	92	85	88	86	81	84	86	86	85	87	88	87	88	88	87.6
	MIN	57	65	56	56	55	58	60	60	70	63	54	53	61	63	65	66	67	68	71	67	67	60	60	58	58	58	57	60	58	60	62	61.1

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Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	89	91	85	86	88	89	90	93	91	98	84	84	87	91	91	90	89	88	93	76	90	73	83	85	87	88	89	89	90	91	89	88.0
	MIN	57	61	56	57	58	57	56	58	62	63	57	54	54	55	65	69	67	67	63	61	66	61	61	58	59	62	58	58	59	61	62	60.1
ROUGH RIVER DAM	MAX	89	90	85	86	88	89	90	93	93	98	85	85	88	92	91	91	86	87	92	80	91	70	88	66	88	88	88	89	90	91	91	88.3
	MIN	59	60	55	56	58	58	59	63	63	61	58	54	55	63	67	68	67	67	69	67	68	58	58	58	58	57	59	59	60	60	61	60.7
SCOTTSVILLE 3 SSW	MAX	88	85	83	84	87	88	94	92	97	92	83	87	89	86	88	85	82	88	84	87	83	79	82	85	85	85	85	88	88	87	87	86.5
	MIN	62	67	62	59	59	61	68	66	70	66	59	58	64	67	68	66	68	71	71	68	70	64	64	62	62	61	63	65	67	64	67	64.8
SUMMER SHADE	MAX	88	86	84	85	87	89	91	90	96	87	83	87	90	90	88	86	89	90	89	87	88	80	84	85	85	86	84	87	87	88	88	87.2
	MIN	59	63	58	59	57	58	62	64	68	66	54	55	61	62	65	67	69	69	72	67	66	60	62	55	58	59	60	60	61	60	61	61.8
WOLF CREEK DAM	MAX	93	89	89	87	87	89	90	92	92	95	85	84	90	91	94	92	88	90	92	77	89	79	84	87	87	88	88	88	89	90	92	88.6
	MIN	57	58	58	57	56	57	55	57	61	65	52	50	56	58	60	63	63	64	67	65	60	62	61	58	56	56	57	57	60	58	57	58.7
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	88	88	82	85	87	87	90	90	92	87	81	86	89	89	90	87	88	91	80	85	84	84	85	86	85	90	87	86	88	88	89	86.9
	MIN	62	67	60	58	59	61	65	69	71	64	54	56	61	64	67	68	71	69	70	68	64	57	58	58	58	60	60	64	64	61	65	63.0
CARROLLTON LOCK 1	MAX	87	82	81	82	84	87	90	88	88	86	78	82	87	88	90	83	83	88	87	83	83	80	81	82	84	85	83	85	87	87	88	84.8
	MIN	60	65	57	59	60	62	61	67	69	61	58	59	63	60	66	69	69	70	71	65	62	53	53	59	59	62	58	56	57	63	63	61.8
COVINGTON WB AIRPORT	MAX	85	82	84	85	86	88	90	86	85	79	80	84	88	89	89	84	82	87	78	82	78	82	85	86	88	88	87	88	89	90	92	85.4
	MIN	62	63	59	60	60	62	62	66	63	60	57	59	63	65	68	69	70	71	70	67	60	57	55	59	61	64	59	58	62	63	64	62.5
CYNTHIANA 2	MAX	88	90	85	85	85	93	90	92	88	90	88				92	93	90	90	90	73	86	75	84	85	85	88	88	87	90	90	90	87.5
	MIN	57	66	64	55	55	55	58	63	67	68	50				63	68	68	66	71	65	64	54	52	54	54	58	55	52	59	57	58	59.9
DANVILLE	MAX	89	89	88	86	86	88	90	92	88	93	83	84	86	90	90	92	85	89	92	74	86	70	84	85	87	85	86	87	88	89	90	86.8
	MIN	59	62	61	59	59	59	59	65	69	64	56	56	58	60	65	66	68	68	69	67	66	56	56	59	59	61	61	61	61	62	62	61.7
DIX DAM	MAX	87	87	85	85	88	90	91	90	94	78	81	85	89	90	91	82	88	91	88	83	83	82	83	85	85	85	85	88	87	88	86	86.5
	MIN	61	67	61	58	58	61	63	66	71	62	55	57	62	63	67	69	69	69	70	65	66	57	58	56	57	61	59	59	61	60	62	62.3
FALMOUTH 5 WNW	MAX	87	83	85	85	88	90	91	85	89	85	82	85	89	91	93	89	86	86	83	85	80	83	84	86	87	87	86	87	89	90		86.5
	MIN	54	64	54	51	51	53	55	60	60	57	49	49	53	55	62	67	64	69	69	61	60	55	56	50	51	54	50	59	55	54		56.7
FARMERS 1 WNW	MAX	88	87	82	85	86	89	91	90	90	87	82	85	88	88	91	86	90	82	76	85	77	83	84	86	86	86	86	88	89	90	89	86.2
	MIN	59	64	61	55	56	55	58	60	68	65	55	54	58	59	63	69	65	68	70	68	63	49	53	54	54	58	55	55	58	59	62	59.7
FLEMINGSBURG 1 SW	MAX	89	84	83	83	85	89	91	88	90	88	80	83	88	90	90	87	88	90	80	83	77	81	83	84	85	85	85	88	88	89	90	85.9
	MIN	58	66	60	60	57	57	58	67	67	63	51	57	60	59	64	68	67	70	70	67	62	53	56	57	54	58	58	55	60	58	60	60.5
FRANKFORT LOCK 4	MAX	89	90	85	85	86	89	89	92	88	93	81	84	85	88	91	92	86	87	92	74	87	70	84	85	87	87	88	88	89	91	90	86.8
	MIN	58	61	60	57	57	58	59	60	69	62	57	57	57	62	63	67	67	68	72	66	66	55	55	57	57	58	59	58	60	62	61	60.8
LEXINGTON WB AIRPORT	MAX	87	85	85	85	85	88	91	87	91	81	82	85	88	89	90	83	85	89	78	85	70	81	83	85	85	85	86	85	87	88	88	85.2
	MIN	61	68	62	60	58	62	65	67	69	63	57	61	66	66	69	70	70	72	70	68	63	58	59	61	61	65	61	65	64	63	65	64.2
MAYSVILLE SEWAGE PLANT	MAX	88	89	84	85	85	88	90	93	86	89	80	83	86	88	91	91	92	89	88	74	84	80	84	85	87	88	87	87	88	89	89	86.7
	MIN	60	64	60	59	59	62	61	61	68	64	57	57	61	61	62	67	67	69	70	64	62	53	54	54	59	60	58	57	58	63	63	61.1
MOUNT STERLING	MAX	88	88	86	83	85	87	89	89	88	88	80	84	86	88	89	82	87	90	90	84	83	82	84	85	86	85	86	86	87	88	88	86.2
	MIN	62	68	63	60	59	60	62	62	69	65	55	58	62	63	67	68	67	70	71	68	63	54	57	56	56	62	60	60	63	62	63	62.4
OWENTON 2 S	MAX																																
	MIN																																
RICHMOND	MAX	90	90	82	82	84	89	91	93	90	91	82	83	85	87	91	91	85	89	92	75	85	71	82	83	86	85	87	85	88	88	89	86.2
	MIN	61	66	62	58	59	62	62	67	70	65	55	59	62	65	66	68	69	69	70	67	65	55	58	61	60	60	61	62	64	62	65	63.1
SHELBYVILLE	MAX	89	89	83	84	84	87	90	93	85	93	81	81	84	89	90	92	85	86	91	73	87	80	80	84	85	85	86	85	88	88	88	86.0
	MIN	57	60	59	59	59	60	61	63	68	60	58	59	60	62	65	67	68	68	70	67	65	55	54	58	60	60	61	60	60	62	62	61.5
WARSAW MARKLAND DAM	MAX	84	86	80	83	84	87	90	90	85	89	85	81	84	81	94	91	86	86	90	78	86	75	82	84	85	87	87	85	89	90	88	85.5
	MIN	59	62	56	56	56	61	61	61	64	61	51	51	59	60	60	65	66	66	70	65	65	54	53	57	58	59	57	56	55	63	63	59.7
WAYNESBURG 7 NE	MAX	86	84	82	82	84	86	88	86	90	85	81	84	87	89	90	81	86	89	78	84	79	81	83	85	83	85	84	87	87	89	88	84.9
	MIN	59	63	61	59	59	60	61	64	66	63	55	58	62	62	61	64	66	66	69	68	64	56	59	60	59	59	61	61	62	63	62	61.7
WILLIAMSTOWN 3 NW	MAX	86	82	82	83	87	88	90	85	88	85	81	84	88	90	90	83	84	90	84	85	74	80	81	83	85	87	83	87	88	87	90	85.2
	MIN	64	65	59	60	62	63	65	68	68	58	56	60	63	64	67	67	68	69	69	65	61	55	57	62	62	63	59	61	65	66	66	63.1
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	89	91	88	82	82	87	89	92	89	88	79	81	85	88	89	91	87	90	86	76	83	79	84	85	86	87	86	84	89	90	88	86.1
	MIN	62	61	64	63	59	58	58	61	64	64	55	56	57	59	61	68	67	68	69	69	60	51	52	54	56	58	55	55	58	64	64	60.3
BARBOURVILLE	MAX	89	89	85	81	83	85	86	88	87	91	82	81	86	88	88	91	85	86	90	81	86	84	82	85	87	87	87	87	87	88	90	86.2
	MIN	59	62	62	60	60	60	59	59	61	65	58	56	56	58	60	64	64	64	69	69	64	63	59	54	54	58	58	60	59	62	58	60.5
BAXTER	MAX	90	88	86	77	80	84	83	87	87	89	79	82	86	85	88	91	85	87	90	75	85	85	80	85	87	87	87	87	87	89	91	85.5
	MIN	58	61	62	64	61	60	59	59	62	66	58	56	57	59	60	62	65	68	68	68	63	62	59	57	57	57	58	58	60	61	58	60.7
BLAINE	MAX	90	90	89	80	83	87	91	92	91	89	82	85	88	90	89	92	87	92	88	76	86	83	86	87	88	88	89	86	89	91	89	87.5
	MIN	58	59	62	60	59	59	56	57	59	64	53	53	55	58	59	62	63	65	66	70	62	51	51	52	52	55	55	54	54	59	61	58.2
CUMBERLAND	MAX	88	88	72	79	78	86	88	88	89	82	88	86	88	89	89	85	89	95	79	85	81	82	85	88	87	86	89	88	90	91	90	86.1
	MIN	59	59	65	62	64	56	56	56	67	65	56	55	56	59	59	65	62	67	67	66	60	60	51	55	55	59	59	52	58	57	52	59.3
DEWEY DAM	MAX	85	85	84	70	76	83	86	86	86	87	76	80	81	80	87	87	81	86	84	70	79	78	80	80	82	81	82	82	84	84	83	81.8
	MIN	59	58	60	61	58	56	56	60	61	61	54	55	55	56	62	64	60	65	66	60	58	55	53	54	54	58	57	58	60	61	59	58.5
GRAYSON 5 SE	MAX	90	90	90	81	83	87	89	91	89	89	80	83	85	88	90	91	85	89	86	76	85	79	84	85	86	87	87	85	89	90	89	86.4
	MIN	59	60	63	62	56	58	56	57	63	64	54	55	55	57	59	64	64	66	67	70	60	49	49	53	54	55	55	52	53	63	63	58.5
HEIDELBERG LOCK 14	MAX	90	89	88	82	84	86	90	90	90	92	80	84	86	88	87	89	89	90	90	84	86	82	83	84	87	87	85	85	86	87	88	86.7
	MIN	58	61	63	62	58	60	58	61	69	67	54	54	59	61	63	67	65	68	70	69	64	57	57	56	57	57	59	56	61	60	62	61.1
HINDMAN 11 NNE	MAX	88	88	88	76	78	83	86	88	90	88	81	82	86	86	88	90	87	89	90	76	84	80	84	83	86	85	89	85	86	89	88	85.4
	MIN	60	58	60	64	59	58	56	57	67	65	56	56	58	59	58	65	64	68	68	68	60	56	56	57	57	55	55	58	55	60	60	59.8
HYDEN	MAX	87	88	87	79	80	83	87	88	88	90	80	81		86	86	90	86	87	91	75	84	81	83	84	86	85						84.9
	MIN	59	61	61	63	60	60	60	60	60	65	58	58		58	62	65	64	63	69	68	64	60	58	56	55	59						61.0
JACKSON	MAX	91	91	90	80	84	86	89	91	90	92	83	84	87	90	90	93	89	91	95	75	89	78	85	88	90	90	89	88	90	91	92	88.1
	MIN	61	61	64	64	59	59	60	62	62	67	57	58	60	60	61	65	65	66	70	68	64	57	57	58	59	59	59	58	58	63	63	61.4

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DAILY TEMPERATURES

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Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LONOON FAA AP	MAX	87	84	82	83	82	84	89	85	93	80	80	84	85	86	88	84	87	90	77	85	81	82	83	85	84	85	85	85	86	89	89	84.8
	MIN	60	62	62	60	57	61	58	62	68	59	55	57	60	61	63	68	67	69	71	66	63	62	56	55	56	55	57	58	57	57	57	60.6
MANCHESTER 4 SE	MAX	87	85	79	80	83	85	88	87	90	89	79	84	85	86	88	85	87	91	88	88	82	81	82	85	85	86	87	86	89	89	89	85.6
	MIN	60	60	62	62	60	60	59	59	65	66	55	56	58	59	63	67	64	69	69	69	62	60	58	55	56	56	59	58	69	61	56	61.0
MC KEE	MAX	86	87	81	80	80	84	87	89	87	91	78	80	84	88	88	89	85	89	90	74	83	74	82	84	85	85	86	85	87	88	88	84.6
	MIN	55	57	62	59	56	59	58	59	61	65	50	52	54	56	60	62	62	64	67	68	61	55	55	52	53	54	56	54	55	57	55	57.8
M1OOLE5BORO	MAX	86	86	82	80	82	84	85	87	87	90	83	83	86	89	87	90	85	87	90	77	85	83	78	85	85	85	85	86	84	85	88	85.0
	MIN	59	61	63	62	61	60	59	59	61	68	57	56	58	58	61	63	66	67	69	69	63	65	56	52	55	58	59	60	61	61	55	60.7
MONT1CELLO	MAX	90	87	86	86	87	89	92	92	94	90	84	88	90	90	90	85	88	90	83	87	85	82	85	87	87	88	87	89	88	91	90	88.0
	MIN	58	63	60	57	56	59	62	65	67	65	53	53	60	63	63	68	72	69	72	67	63	61	60	58	54	57	59	60	62	58	59	61.4
MOUNT VERNON	MAX	87	86	86	82	84	87	89	89	92	87	80	85	86	87	90	90	86	89	86	86	83	82	83	85	84	85	84	85	86	87	88	86.0
	MIN	55	61	57	54	54	57	57	64	68	61	49	50	58	60	60	64	66	67	67	65	61	54	54	53	54	54	55	56	58	57	58	58.3
P1KEVILLE	MAX	93	90	75	79	85	89	92	90	92		85	88	90	93	92	89	93	93	81	88	85	90	89	90	91	88	90	92	93	93	94	89.1
	MIN	65	60	66	67	63	63	60	60	69		59	59	60	61	67	68	68	71	71	70	63	59	59	61	61	63	63	58	62	64	62	63.4
SOMERSET 2 N	MAX	89	88	84	83	85	88	90	90	93	89	80	84	86	88	88	85	86	90	83	86	85	82	83	85	85	86	86	88	87	87	88	86.4
	MIN	58	60	60	57	55	56	57	65	67	64	51	55	59	58	60	65	64	66	70	61	58	55	58	54	53	53	55	55	56	58	57	58.7
STEARN5	MAX	85	87	82	81	80	84	85	87	88	92	89	85	85	83	86	88	88	88	86	77	87	88		84	84	85	86	83	86	88	88	85.5
	MIN	64	62	62	59	59	60	60	64	60	64	59	56	60	63	62	65	65	66	60	62	61	60		59	58	60	57	59	62	61	63	61.1
TOMAHAWK 1 WSW	MAX	90	90	89	75	80	84	87	89	88	89	81	83	86	87	89	91	85	90	90	76	85	82	85	85	86	85	85	85	87	88	87	85.8
	MIN	58	56	58	62	58	57	54	54	56	64	52	52	54	54	57	62	61	64	64	67	58	52	51	51	53	53	55	52	53	60	58	56.8
VANCEBURG	MAX	86	89	88	84	85	89	91	85	85	80	83	84	87	90	90	87	87	89	79	84	79	83	85	86	87	86	84	89	91	87	84	85.9
	MIN	53	62	57	52	53	52	53	58	62	59	48	51	54	55	63	65	61	63	65	64	55	50	53	54	51	56	59	58	58	61	58	56.9
WE5T LIBERTY	MAX	88	89	89	84	84	85	90	91	89	90	80	82	86	88	89	90	86	91	92	74	86	78	82	84	88	86	87	86	85	87	89	86.3
	MIN	58	61	61	59	57	57	57	57	61	65	55	54	54	58	58	63	64	64	67	68	62	52	52	51	51	54	56	56	58	62	62	58.5
W1LL1AMSBURG 1 E	MAX																																
	MIN																																

EVAPORATION AND WIND

Station		Day Of Month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * WESTERN 01																																	
MAOI5ONVILLE 1 SE	EVAP	.21	.17	.21	.27	.20	.23	.25	.35	.33	.44	.19	.29	.24	.16	.38	.24	.12	.20	-	.15	.22	.08	.25	.20	.22	.24	.14	.16	.11	.45	.37	7.318
	WIND	12	26	19	25	17	15	15	38	61	86	23	24	34	33	26	43	66	26	96	30	12	47	48	26	17	13	17	14	13	17	21	960
	MAX	94	100	92	93	94	96	93	98	93	95	95	94	90	95	95	96	95	98	99	100	100	98	98	93	95	95	95	95	95	98	97	95.6
	M1N	66	67	66	65	64	66	65	65	70	65	66	65	67	70	72	73	75	64	67	75	70	67	70	63	65	65	55	55	65	68	67	66.5
* * * CENTRAL 02																																	
NOL1N R1VER RESERVO1R	EVAP	.22	.32	.33	.33	.32	.28	.32	.35	.30	.41	.29	.28	.25	.28	.23	.22	.26	.06	.16	-	.35	-	.32	.22	.19	.20	.20	.22	.20	.19	.21	8.038
	W1NO	31	37	38	29	27	25	29	54	63	85	30	27	21	25	34	31	27	15	61	48	14	26	23	19	18	18	21	19	24	20	18	957
WOLF CREEK OAM	EVAP	.18	.14	.26	.16	.18	.20	.17	.19	.20	.29	.22	.17	.23	.21	.16	.22	.11	.11	.19	.00	.18	.02	.10	.26	.19	.18	.18	.19	.16	.06	.24	5.35
	W1NO	10	15	13	11	14	10	7	17	23	52	20	15	15	16	13	14	16	18	35	41	9	7	11	11	9	10	10	9	8	12	6	477
	MAX	92	93	93	90	91	92	91	90	87	92	91	85	93	95	92	90	88	91	92	74	94	78	85	94	92	94	92	93	91	91	92	90.3
	MIN	64	66	66	65	65	65	65	65	65	68	61	60	59	65	66	68	69	69	71	69	65	67	73	64	64	67	67	67	67	67	66	66.0
* * * BLUE GRA5S 03																																	
D1X OAM	EVAP	.20	.40	*	.48	.29	.23	.30	.30	*	*	.89	.26	.24	.27	.20	.27	.18	.19	.20	-	.30	-	*	*	.69	.23	.20	.20	.20	*	.48	7.708
	W1NO	20	56	*	67	29	24	16	37	*	*	166	33	35	27	16	33	26	24	24	70	22	36	*	*	86	22	30	19	12	*	48	978
	MAX	87	89	-	91	90	91	92	88	-	-	91	88	90	93	95	95	88	89	95	72	88	71	-	-	93	91	89	93	91	-	89	89.2
	M1N	66	66	-	64	64	64	65	68	-	-	63	63	62	66	68	70	70	70	72	67	67	59	-	-	59	68	67	66	66	-	68	65.9
* * * EASTERN 04																																	
BUCKHORN	EVAP	.20	.19	.16	.08	.15	.13	.19	.20	.09	.20	.19	.18	.19	.20	.19	.06	.27	.15	.18	*	.12	.11	.14	.22	.22	.20	.16	.18	.17	.20	.19	5.11
	W1NO	12	21	18	13	17	12	13	19	37	60	24	19	14	18	12	16	23	17	21	37	10	22	13	16	14	15	18	15	19	14	15	594
	MAX	96	97	90	85	89	92	96	96	88	93	91	94	97	97	96	98	91	93	100	78	91	84	93	95	97	96	94	95	94	97	96	93.2
	M1N	68	70	69	69	68	68	69	68	69	70	65	65	65	69	71	73	73	73	75	69	70	65	64	67	67	68	57	67	65	63	71	68.1
OEWEY OAM	EVAP	.15	-	-	.05	.18	.02	.13	-	-	.09	.00	.18	.12	.06	.16	.26	.08	.16	.18	-	.06	.22	.14	.13	.14	-	.07	.17	.18	.04	.09	3.798
	W1NO	4	7	8	2	4	10	8	6	1	23	8	5	6	5	6	10	5	13	1	15	10	4	5	4	4	5	5	6	3	4	4	201
	MAX	99	88	94	87	69	70	68	70	90	90	88	89	66	93	71	95	89	97	94	89	91	90	88	91	91	69	88	92	90	85	93	85.9
	M1N	68	66	69	57	56	54	62	62	69	71	64	64	64	65	69	70	70	72	73	60	67	56	65	65	65	68	68	67	65	70	69	65.5

EXTREMES

H1GHE5T TFMPERATURE 2 STAT1ON5	101	OATE	10+
LOWEST TEMPERATURE VANCEBURG	48	OATE	11
GREATEST TOTAL PREC1P1TAT1ON G1LBERT5V1LLE 1 5E	7.72		
LEA5T TOTAL PRECIPITAT1ON CUMBERLANO FALL5 5T PK	1.36		
GREATE5T 1 OAY PREC1P1TAT1ON WE5T LIBERTY	4.25	OATE	20

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN NAZARETH COL	4	MAX	80	80	80	80	80	80	80	80	78	80	81	80	81	81	80	81	82	81	81	78	79	76	75	77	78	79	79	77	78	79	80	79.4
		MIN	74	76	74	74	74	74	74	75	75	73	73	72	74	74	75	78	74	74	75	74	75	71	71	72	73	73	73	72	73	73	74	73.7
	20	5PM	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	74	75	75	75	75	75	75	74	74	74	74	78	78	74	75	74	75.0
BEREA COLLEGE	4	MAX	78	79	79	77	78	78	78	79	78	78	78	76	76	77	78	78	78	78	79	77	77	75	75	76	76	77	76	76	77	78	78	77.4
		MIN	75	76	75	75	75	75	75	76	76	76	73	72	74	75	76	76	76	77	76	74	75	73	73	74	74	74	74	74	74	75	75	74.8
CAMPBELLSVILLE 2 SSW	4	MAX	80	81	83	82	80	79	80	79	83	84	80	79	81	80	80	80	82	80	76	80	75	77	77	79	79	80	80	82	81	80	81	80.0
		MIN	75	75	75	75	74	73	73	75	75	75	72	72	73	72	74	75	75	75	76	74	74	72	73	72	73	74	73	74	74	74	75	73.9
	20	6PM	75	75	75	75	75	75	75	75	74	75	74	74	74	74	74	73	73	74	74	74	74	73	73	73	73	73	73	73	74	74	75	74.0
CUMBERLAND GAP PARK	4	MAX	80	79	76	81	76	76	77	76	80	80	77	78	77	77	77	77	78	80	80	78	77	78	77	82	77	76	77	77	76	77	77	77.8
		MIN	75	75	73	76	72	72	73	73	75	76	72	73	73	73	73	74	75	75	75	75	74	74	73	77	72	73	73	72	72	73	72	73.6
	20	5PM	76	75	75	75	75	75	74	75	75	75	75	75	74	74	74	74	74	75	75	75	74	74	74	75	75	74	74	74	74	74	74	74.5
FLEMINGSBURG 1 SW	4	MAX	70	71	71	71	71	71	72	72	71	70	72	71	72	74	75	75	72	74	74	73	73	71	71	70	71	71	71	71	71	72	72	71.8
		MIN	67	69	68	67	67	67	67	69	69	68	65	65	67	68	70	71	70	71	71	70	70	66	66	67	66	68	67	66	67	67	68	67.9
	20	6PM	70	70	70	70	70	70	70	69	69	69	69	69	69	69	69	70	70	70	70	70	70	70	70	70	70	70	70	69	69	69	69	69.6
GLASGOW WKAY	4	MAX	80	81	81	81	80	82	81	81	82	82	82	80	80	80	80	80	78	80	80	60	80	77	77	78	78	78	78	78	78	78	79	79.7
		MIN	75	77	76	74	74	74	75	75	75	76	74	73	74	75	75	76	76	75	76	74	76	73	73	74	74	74	74	74	74	74	75	74.6
	20	6PM	74	75	75	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74	73	73	73	73	73	73	73	73	74	73.8
GREENVILLE 2 W	4	MAX	83	83	84	83	82	83	83	84	83	83	84	82	83	84	81	81	80	82	83	84	84	83	82	83	82	83	83	83	83	83	83	82.8
		MIN	78	79	77	77	76	76	77	77	77	76	77	75	75	77	77	75	75	78	78	78	79	77	76	77	78	77	77	78	78	78	78	77.0
	20	5PM	77	76	76	76	75	76	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75.2
HENDERSON 7 SSW	4	MAX	80	80	80	79	79	79	79	79	79	79	79	79	77	79	79	79	77	80	79	79	79	78	78	77	78	78	77	77	78	78	78	78.6
		MIN	78	78	77	76	76	76	77	78	76	76	76	75	75	77	77	77	77	77	78	78	78	77	76	75	76	75	76	76	76	77	76	76.5
	20	6PM	76	76	75	74	74	74	74	74	74	74	74	74	73	73	74	74	74	74	74	74	74	74	73	73	73	72	72	72	73	73	73	73.7
IRVINGTON	4	MAX	83	84	84	82	84	85	85	85	84	85	84	84	84	86	88	88	82	85	85	83	83	77	79	80	80	80	81	80	80	80	81	82.9
		MIN	73	73	76	71	72	72	72	76	76	73	72	70	72	74	76	75	75	76	77	75	75	69	75	75	77	71	72	72	72	72	73	73.5
	20	4PM	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	73	73	73	73	73	72	71	71	71	71	71	71	71	72	72	71.9
LEXINGTON CAMPUS FARM (BARE GROUND)	1	MAX	96	97	94	93	95	95	96	91	85	84	83	90	95	97	97	84	89	90	76	87	74	81	84	85	84	84	87	89	89	89	90	88.7
		MIN	67	72	68	66	65	67	68	70	71	68	61	63	66	68	70	72	70	72	71	70	67	61	63	65	66	67	65	66	68	68	70	67.5
	2	MAX	91	91	90	88	88	88	90	85	82	82	80	85	90	91	92	83	85	87	77	85	74	79	82	83	82	81	84	85	86	86	87	85.1
		MIN	69	73	69	68	67	68	70	72	72	69	64	65	68	70	72	72	71	73	72	71	68	62	64	66	67	68	67	67	69	69	70	68.8
	4	MAX	87	87	85	84	83	84	86	81	80	80	77	81	85	86	87	81	82	84	78	82	73	77	80	81	79	71	81	82	83	87	84	81.9
		MIN	71	74	72	70	70	70	71	73	73	70	66	67	69	71	73	73	72	74	72	71	70	65	66	67	68	70	69	71	70	71	72	70.4
	8	MAX	80	81	80	79	78	79	80	78	77	76	75	76	78	80	81	78	78	80	78	78	73	74	77	77	76	76	77	77	79	78	79	77.8
		MIN	73	75	74	73	72	73	74	75	74	72	69	69	71	73	75	75	74	74	73	72	71	68	68	68	68	71	71	71	72	73	73	72.1
(SOD)	1	MAX	81	81	79	79	79	80	80	79	79	79	77	79	81	82	82	80	81	83	79	81	76	78	78	79	79	78	80	80	81	80	81	79.7
		MIN	71	73	71	70	69	69	71	72	73	72	69	69	71	72	73	74	74	75	74	73	72	68	69	69	70	71	70	71	71	71	72	71.3
	2	MAX	80	80	78	78	78	79	79	77	78	78	76	78	80	81	81	79	80	82	79	80	76	77	77	77	78	78	79	79	80	80	80	78.8
		MIN	72	74	71	70	69	70	71	72	73	72	70	70	71	72	74	74	74	75	74	73	73	69	69	70	70	72	71	71	71	72	72	71.6
	4	MAX	78	79	77	77	77	78	78	76	77	77	75	77	78	79	80	78	79	81	79	79	76	76	76	76	77	77	77	77	78	78	78	77.6
		MIN	72	74	73	71	70	71	72	73	73	73	71	71	72	73	74	74	74	75	74	73	73	70	70	71	71	72	72	72	72	72	73	72.3
	8	MAX	76	77	76	75	75	76	76	76	76	75	75	75	76	77	77	77	77	78	78	77	76	74	74	74	75	75	75	75	76	76	76	75.8
		MIN	73	74	74	73	72	72	73	74	74	73	72	72	73	74	75	75	75	75	74	74	74	73	73	73	73	73	73	73	73	73	73	73.4
	20	7PM	74	74	74	74	73	73	73	73	73	73	73	72	72	73	73	74	74	74	75	74	74	73	73	73	73	73	73	73	73	73	73	73.3

DAILY SOIL TEMPERATURES

CONTINUED

KENTUCKY
AUGUST 1969

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM																																		
(SOO)	40	7PM	71	71	71	71	70	70	70	70	70	70	70	70	70	70	70	70	70	70	71	71	71	71	71	71	71	71	70	70	70	70	70	70.4
MAYFIELD RAOIO WNGO																																		
	4	MAX	89	85	-	-	81	-	-	84	85	85	83	83	83	82	82	89	81	84	84	80	85	84	-	81	-	-	83	82	83	80	81	83.3
		MIN	85	82	-	-	76	-	-	77	80	-	76	75	76	76	77	78	78	79	80	78	79	79	-	77	-	-	79	76	76	77	78	78.0
	20	5PM	80	83	-	-	78	-	-	78	83	78	78	77	78	76	77	77	77	78	78	79	77	81	-	79	-	-	77	77	77	78	-	78.3
PRINCETON 1 SE																																		
	4	MAX	81	81	80	79	80	80	82	81	80	80	81	80	80	81	81	81	78	80	81	81	82	80	80	80	80	79	80	80	80	82	81	80.4
		MIN	76	79	75	74	74	75	75	75	77	75	75	74	75	76	76	76	75	77	77	76	79	77	76	75	76	76	76	76	77	77	77	75.9
	20	5PM	76	76	75	75	75	75	74	75	75	75	75	75	75	74	74	74	74	74	74	74	74	75	74	74	74	74	74	74	74	74	74	74.5
QUICKSANO																																		
	4	MAX	84	84	83	83	81	81	83	83	82	83	82	80	82	83	83	84	84	85	85	82	82	79	79	80	80	80	80	81	80	83	83	82.1
		MIN	76	76	76	76	75	76	75	76	77	77	74	74	74	76	76	78	76	78	79	77	79	73	73	73	74	74	74	74	75	76	75	75.5
	20	4PM	77	78	77	77	77	77	77	77	77	77	77	76	75	76	76	73	77	77	78	78	77	76	75	75	75	75	75	75	75	76	76	76.3
SANOY HOOK 5 W																																		
	4	MAX	78	79	78	79	78	77	78	77	75	76	76	76	78	78	79	80	79	80	79	78	79	76	76	77	76	77	77	77	77	78	78	77.6
		MIN	74	74	72	74	71	72	73	73	73	72	71	71	72	73	75	76	76	76	74	76	74	71	71	71	71	73	72	71	74	74	74	73.0
	20	6PM	74	74	74	74	74	73	73	73	73	73	73	72	72	72	73	73	74	74	74	73	74	73	73	73	73	73	73	72	73	73	73	73.2
SOMERSET 2 N																																		
	1	MAX	84	84	82	83	82	82	82	83	83	81	81	81	82	82	84	83	81	82	82	82	82	79	82	81	81	81	82	82	82	82	82	82.0
		MIN	75	76	74	73	73	72	73	75	75	74	71	71	73	73	75	76	75	75	75	74	75	72	73	71	72	73	72	72	73	74	74	73.5
	4	MAX	81	81	82	82	81	80	81	81	81	81	80	79	80	81	82	82	80	80	80	81	81	78	79	80	80	81	81	81	80	81	80	80.6
		MIN	74	75	75	73	73	72	73	75	75	75	71	71	75	74	72	76	75	75	75	74	75	73	73	72	73	73	73	73	73	74	74	73.7
	20	6PM	78	78	77	78	77	77	77	77	77	76	76	76	76	76	77	77	76	76	77	77	76	76	76	76	76	76	76	76	76	77	76	76.5
WILLIAMSTOWN 3 NW																																		
	4	MAX	77	78	77	76	76	77	76	76	75	75	75	75	76	76	77	77	77	77	78	77	76	76	75	75	76	76	77	76	76	77	77	76.3
		MIN	73	74	73	73	73	73	73	74	75	73	71	71	72	73	74	75	75	75	76	75	75	73	72	73	73	73	73	72	73	73	74	73.4
	20	6PM	72	72	72	72	72	72	72	72	72	71	71	71	71	71	71	71	72	72	72	72	72	72	71	71	71	71	71	71	71	71	72	71.5

	SOIL TYPE	SOIL COVER	OEGREE OF SLOPE
BAROSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPEO BLUEGRASS SOO	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	OICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLANO GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODEO	BLUEGRASS ANO CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOO	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENOERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIOER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOO AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOO-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENOAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANOY HOOK 5 W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS ANO FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPEO WITH PALMER OIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENOING AT OBSERVATIONAL TIME.

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS. BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. ROWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. ORYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA M. NEWKIRK
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
#COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		7A			OTHO KELLER
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	813		7A			DENVER BAILEY
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	86[illegible]		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	69[illegible]		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	73[illegible]		8A			MRS ALTA S. GOUSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 57	83 38	86[illegible]		7A			WADE T. CANNOY
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	78[illegible]		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	80[illegible]	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. MILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	68[illegible]	7A	7A			ALBERT SWANAGAN
GREENSBURG	3433	02	GREEN	3	37 15	85 30	63[illegible]	7A	7A			HOWARD RICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	51[illegible]	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3459	01	CHRISTIAN	3	37 05	87 21	75[illegible]					MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	42[illegible]		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4259	04	LETCHER	4	37 10	82 56	1155		5P			BEGIE BREEDING SR.
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4623	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			PORTER WALLACE, JR.
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBAS
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	775				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	[illegible]				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1190	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	467	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	439		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	375	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WILBURN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	5P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA [illegible]. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY RE FLATIUM
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1300	8A	8A			MRS. MINNIE C. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS. ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	77[illegible]		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 18	85 55	710		7A		C	GLENN S. WILSON
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN F. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL J. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	82[illegible]	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 W	7165	04	ELLIOT	1	38 07	83 13	1105				G	WILLIAM ADKINS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
NEW STATIONS												
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	630		7A			FISHTRAP DAM RSVR MGR
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	712		8A			GRAYSON RESERVOIR

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."
	No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY
SEPTEMBER 1969
Volume 64 No. 9

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CLIMATOLOGICAL DATA

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days .10 or More	.50 or More	1.00 or More
* * * WESTERN 01																							
BAROWELL 4 E	82.6	56.2	69.4		91	6	40	29	25	2	0	0	0	1.83		.79	3	.0	0		4	1	0
BEAVER OAM	80.4	54.7	67.6		89	6	39	29	44	0	0	0	0	1.07		.68	2	.0	0		2	1	0
FOROS FERRY OAM 50	80.3	59.2	69.8		90	6	47	19	18	1	0	0	0	3.02	- .01	2.01	4	.0	0		5	1	1
GILBERTSVILLE 1 SE	82.1	58.9	70.5		91	6	44	29	15	1	0	0	0	.88		.44	24	.0	0		3	0	0
GOLOEN PONO 8 N	M	58.5M	M		91	1	45	24		1	0	0	0	2.00		1.02	4	.0	0		4	2	1
GREENVILLE 2 W	81.1	56.5	68.8	- 1.3	89	6	42	29	31	0	0	0	0	1.51	- 1.43	.72	4	.0	0		3	2	0
HENOERSON 7 SSW	81.8	56.9	69.4	- 1.3	92	6	42	29+	30	1	0	0	0	1.03	- 1.95	.38	24	.0	0		4	0	0
HICKMAN 1 E	80.7	55.8	68.3		90	6+	42	11	25	2	0	0	0	1.76		1.10	4	.0	0		4	1	1
HOPKINSVILLE	82.5	56.4	69.5	- 1.7	90	1	47	27+	14	1	0	0	0	1.10	- 1.90	.49	2	.0	0		3	0	0
LOVELACEVILLE	82.6	56.7	69.7	- 1.7	91	6	42	29	19	1	0	0	0	2.96	- .12	2.27	3	.0	0		4	1	1
MAOISONVILLE 1 SE	81.3	56.7	69.0		90	6	43	29	22	1	0	0	0	2.70		1.06	4	.0	0		4	3	1
MAYFIELO RAOIO WNGO	82.5M	55.3M	68.9M		93	6	38	29	28	1	0	0	0	3.26		1.49	4	.0	0		4	2	2
MURRAY	79.3	59.2	69.3	- 2.2	87	7+	46	29	25	0	0	0	0	1.65	- 1.44	1.23	4	.0	0		2	1	1
OWENSBORO 2 W	82.5	56.1	69.3	- .9	91	3+	44	29+	24	3	0	0	0	2.10	- .95	1.25	4	.0	0		3	2	1
PAOUCAH FAA AIRPORT	81.6	58.6	70.1		90	6	44	29	18	1	0	0	0	1.25		.43	2	.0	0		5	0	0
PAOUCAH	83.4	58.7	71.1		92	6	45	29+	12	2	0	0	0	.62	- 2.50	.32	7	.0	0		3	0	0
PRINCETON 1 SE	81.6	57.7	69.7	- 1.3	90	6	43	29	19	1	0	0	0	1.63	- 1.26	1.24	4	.0	0		3	1	1
ROCHESTER LOCK 3	79.7	55.3	67.5		89	7	42	29	47	0	0	0	0	1.41		.94	4	.0	0		3	1	0
RUSSELLVILLE	80.3	56.2	68.3	- 2.2	89	7	41	11	42	0	0	0	0	1.88	- 1.53	1.25	4	.0	0		3	1	1
OIVISION			69.2	- 1.6										1.77	- 1.29			.0					
* * * CENTRAL 02																							
ANCHORAGE	78.8M	54.6M	66.7M	- 1.7			42	13	56		0	0	0					.0	0				0
BAROSTOWN NAZARETH COL	80.5	55.7	68.1		90	1	39	29	40	1	0	0	0	.84		.25	4	.0	0		5	0	0
BARREN RIVER RESERVOIR	80.6	56.3	68.5		91	7	43	30	42	3	0	0	0	3.93		2.58	5	.0	0		5	2	1
BOWLING GREEN FAA AP	80.6	56.7	68.7	- 2.7	91	6	42	11	29	1	0	0	0	.91	- 2.16	.59	4	.0	0		3	1	0
BRADFOROSVILLE	80.8	53.6	67.2		91	1	35	29	55	1	0	0	0	1.72		.77	5	.0	0		6	1	0
CAMPBELLSVILLE 2 SSW																							
CECILIA	80.6	54.4	67.5	- 1.8	90	6	40	11	45	1	0	0	0	1.36	- 1.38	.76	2	.0	0		3	1	0
CLERMONT 1 SSE	82.3	52.8	67.6		90	7+	38	29	45	4	0	0	0	.37		.28	23	.0	0		1	0	0
GLASGOW WKAY	79.5	55.9	67.7		90	6	42	11	39	1	0	0	0	1.22		.46	4	.0	0		3	0	0
GREENSBURG	81.9	54.8	68.4	- 1.3	92	1	41	29	36	4	0	0	0	1.44	- 1.74	.45	8	.0	0		4	0	0
HOOGENVILLE-LINCOLN NP	81.3	55.7	68.5		90	7+	41	11	37	2	0	0	0	.86		.38	23	.0	0		3	0	0
IRVINGTON	80.4	54.2	67.3	- 2.8	90	7+	40	29+	56	3	0	0	0	1.00	- 1.84	.58	1	.0	0		3	1	0
LEITCHFIELO 2 N	80.1	55.3	67.7	- 2.7	90	6	39	29	49	1	0	0	0	.79	- 2.18	.40	3	.0	0		2	0	0
LOUISVILLE	81.3	59.1	70.2		94	1	45	11	17	2	0	0	0	1.03		.75	4	.0	0		2	1	0
LOUISVILLE WB AP R	78.0	57.0	67.5	- 2.0	88	6	43	29	42	0	0	0	0	1.08	- 1.55	.54	3	.0	0		3	1	0
MAMMOTH CAVE PARK	80.2	55.7	68.0		88	7+	39	11	44	0	0	0	0	1.70		1.25	4	.0	0		3	1	1
NOLIN RIVER RESERVOIR	81.3	54.8	68.1		90	7+	42	30+	38	2	0	0	0	1.43		.72	3	.0	0		4	1	0
ROUGH RIVER OAM	81.2	54.2	67.7		91	1	41	30	50	3	0	0	0	.61		.25	2	.0	0		3	0	0
SCOTTSVILLE 3 SSW	79.1	58.9	69.0		88	6	46	11	23	0	0	0	0	2.04		1.31	7	.0	0		3	2	1
SUMMER SHAOE	78.7	55.1	66.9		88	6	40	29	52	0	0	0	0	1.40		.82	5	.0	0		3	1	0
WOLF CREEK OAM	80.3	53.9	67.1		92	1	39	29	45	3	0	0	0	2.54		.76	5	.0	0		5	2	0
DIVISION			67.9	- 2.1										1.38	- 1.65			.0					
* * * BLUE GRASS 03																							
BEREA COLLEGE	78.7	57.1	67.9	- 1.9	88	3	43	29	35	0	0	0	0	3.30	.48	1.20	2	.0	0		4	3	2
CARROLLTON LOCK 1	78.0	56.0	67.0		88	6+	41	29	53	0	0	0	0	1.41	- 1.42	.56	2	.0	0		4	1	0
COVINGTON WB AIRPORT R	77.2	55.7	66.5	- .7	89	1	42	28	66	0	0	0	0	2.87	.04	.85	1	.0	0		5	2	0
CYNTHIANA 2	81.2M	53.1M	67.2M								0	0	0	1.18		.55	2	.0	0		4	1	0
OANVILLE	79.5	55.1	67.3		91	1	43	30+	48	1	0	0	0	1.48	- 1.59	.65	3	.0	0		5	1	0
DIX OAM	79.7	56.3	68.0		88	6	42	30	32	0	0	0	0	3.12		1.61	8	.0	0		6	2	1
FALMOUTH 5 WNW	78.3	49.7	64.0		90	1	33	29	99	1	0	0	0	3.35	.44	1.88	2	.0	0		6	1	1
FARMERS 1 WNW	78.7	54.3	66.5	- 1.6	88	6	37	29	50	0	0	0	0	2.22	- .86	1.22	18	.0	0		3	2	1
FLEMINGSBURG 1 SW	77.3	53.6	65.5		86	6+	39	29+	77	0	0	0	0	1.21		.33	17	.0	0		3	0	0
FRANKFORT LOCK 4	79.9	54.5	67.2	- 2.3	92	1	42	30+	47	1	0	0	0	1.37	- 1.34	.60	2	.0	0		3	2	0
LEXINGTON WB AIRPORT R	78.2	57.3	67.8	- 1.5	85	30+	43	28	44	0	0	0	0	.49	- 2.31	.30	2	.0	0		2	0	0
MAYSVILLE SEWAGE PLANT	78.9	55.2	67.1	- 1.0	91	1	44	30	48	1	0	0	0	2.30	- .82	1.25	8	.0	0		2	2	1
MOUNT STERLING	78.0	56.0	67.0		87	3	43	29	47	0	0	0	0	2.35	- .63	.85	7	.0	0		6	2	0
OWENTON 2 S																							
RICHMONO	78.8	55.5	67.2		89	7+	43	26	51	0	0	0	0	1.07		.38	18	.0	0		5	0	0
SHELBYVILLE	78.4	54.4	66.4	- 3.3	89	1	41	28	65	0	0	0	0	1.48	- 1.47	.47	5	.0	0		5	0	0
WARSAW MARKLANO OAM	79.0	54.2	66.6	- 2.3	91	1	42	29+	59	1	0	0	0	1.29	- 1.58	.60	7	.0	0		3	1	0
WAYNESBURG 7 NE	77.1	55.2	66.2		86	6+	40	29	53	0	0	0	0	3.64		1.30	3	.0	0		6	3	1
WILLIAMSTOWN 3 NW	77.3	55.9	66.6	- 2.9	86	6+	40	28	58	0	0	0	0	1.31	- 1.80	.47	2	.0	0		3	0	0
OIVISION			66.8	- 2.6										1.97	- .97			.0					
* * * EASTERN 04																							
ASHLANO	78.2	54.1	66.2	- 3.7	91	1	42	29	67	1	0	0	0	1.80	- 1.01	.71	2	.0	0		5	1	0
BARBOURVILLE	79.0	53.6	66.3		89	4+	40	30+	51	0	0	0	0	3.62		1.28	20	.0	0		6	3	1
BAXTER	79.3	54.0	66.7		89	7	42	30+	45	0	0	0	0	2.67		1.08	3	.0	0		5	2	1
BLAINE	80.0	50.6	65.3		90	7+	36	30	77	2	0	0	0	3.47		2.31	18	.0	0		6	1	1
CUMBERLANO	80.3	48.7	64.5		89	1	35	29	46	0	0	0	0	2.08		.72	2	.0	0		4	2	0

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 112

CLIMATOLOGICAL DATA

Continued

Station	Temperature: Average Maximum	Temperature: Average Minimum	Temperature: Average	Temperature: Departure From Normal	Temperature: Highest	Temperature: Date	Temperature: Lowest	Temperature: Date	Temperature: Degree Days	No. of Days Max.: 90° or Above	No. of Days Max.: 32° or Below	No. of Days Min.: 32° or Below	No. of Days Min.: 0° or Below	Precipitation: Total	Precipitation: Departure From Normal	Precipitation: Greatest Day	Precipitation: Date	Snow, Sleet: Total	Snow, Sleet: Max. Depth on Ground	Snow, Sleet: Date	No. of Days: .10 or More	No. of Days: .50 or More	No. of Days: 1.00 or More
OEWEY OAM	76.0	53.8	64.9		85	18+	38	30	66	0	0	0	0			2.57	8	.0	0				2
GRAYSON 5 SE	77.9	51.5	64.7		92	1	36	29	93	2	0	0	0	2.20		.61	8	.0	0		5	2	0
HEIOELBERG LOCK 14 R	78.4M	54.1M	66.3M		89	1	38	29	61	0	0	0	0	1.77	- 1.01	.67	8	.0	0		5	1	0
HINOMAN 11 NNE	78.3	53.1	65.7		90	1	38	29	70	1	0	0	0	2.28		.98	8	.0	0		5	2	0
HYOEN	79.6M	53.4M	66.5M		90	1	40	30+	51	1	0	0	0	.55		.15	2	.0	0		3	0	0
JACKSON	80.2	54.6	67.4		93	1	40	30+	46	4	0	0	0	3.00		1.14	8	.0	0		7	2	1
LONOON FAA AP	76.3	52.9	64.6		87	6	38	29	81	0	0	0	0	2.01		.70	3	.0	0		6	1	0
MANCHESTER 4 SE	79.5	53.9	66.7		88	7+	38	29	45	0	0	0	0	1.46		.44	5	.0	0		5	0	0
MC KEE	77.4	51.2	64.3		90	1	36	29	90	1	0	0	0	2.93		1.38	8	.0	0		5	2	1
MIOOLESBORO	77.9	54.0	66.0		87	7	40	29	57	0	0	0	0	1.59		1.12	20	.0	0		2	1	1
MONTICELLO	79.5	55.2	67.4		89	6+	39	29	39	0	0	0	0	2.42		1.08	6	.0	0		6	2	1
MOUNT VERNON	78.5	54.3	66.4		86	6+	40	29	47	0	0	0	0	3.59		1.35	5	.0	0		5	3	1
PIKEVILLE	81.5	57.7	69.6		93	4	43	30	10	4	0	0	0	2.52	- .52	.90	7	.0	0		5	2	0
SOMERSET 2 N	78.1	51.3	64.7		88	6	38	29	79	0	0	0	0	2.14		.86	17	.0	0		5	2	0
STEARNS	76.2	54.6	65.4		89	2	43	12+	71	0	0	0	0	3.29		.86	20	.0	0		10	3	0
TOMAHAWK 1 WSW	77.2	50.2	63.7		89	1	35	30+	111	0	0	0	0	2.31		.81	8	.0	0		6	1	0
VANCEBURG	77.6	49.9	63.8		87	17+	35	29	98	0	0	0	0	2.07	- .63	.73	17	.0	0		4	3	0
WEST LIBERTY	78.1	52.4	65.3		91	1	39	30+	81	1	0	0	0	1.53		.47	18	.0	0		5	0	0
WILLIAMSBURG 1 E																							
OIVISION			65.8	- 3.6										2.33	- .48			.0					

EXTREMES

HIGHEST TEMPERATURE LOUISVILLE	94	OATE	01
LOWEST TEMPERATURE FALMOUTH 5 WNW	33	OATE	29
GREATEST TOTAL PRECIPITATION LLOYO GREENUP OAM	4.79		
LEAST TOTAL PRECIPITATION GEORGETOWN WATER WORKS	.12		
GREATEST 1 OAY PRECIPITATION LLOYO GREENUP OAM	3.42	DATE	08

SPECIAL WEATHER SUMMARY

September was a relatively cool and dry month over the greater part of the Commonwealth. Rainfall totals were extremely variable due to spotty shower activity - near or above average at a few locations, but from 2 to 3 inches below average in other localities. A number of reporting points measured less than 1 inch of rainfall and several had less than 1/4 inch. At Lexington the 0.49 inch of rainfall made it the fifth driest September on record; in that section of the Blue Grass a September as dry occurs less often than 5 out of 100 years. On September 7 two persons were injured and an automobile was demolished when high winds blew a large tree onto the vehicle in Montgomery County. In Green County, also on the 7th, a woman was stunned when struck by lightning.

Allen B. Elam, Jr.
ESSA-Weather Bureau State Climatologist
Room 205, Agricultural Experiment Sta.
Agronomy Dept., University of Kentucky
Lexington, Kentucky 40506

Note: The foregoing narrative highlights several noteworthy weather events and was completed before weather data processing for the publication was completed. For further details see the accompanying tables. See also this month's issue of STORM DATA for additional details concerning the storms noted above and other storms.

DAILY PRECIPITATION

KENTUCKY
SEPTEMBER 1969

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • •																																
WESTERN 01																																
BARDWELL 4 E	1.83	.02	.07	.79	.44	.01		.38										T							.12			T				
BEAVER DAM	1.07		.68		.37																			.02								
CALHOUN LOCK 2	1.33		.69	.03	.36	.08		T	.14																.03							
COBB	.55			.15	.08			.22																	.10							
DAWSON SPRINGS	.28			.06	.04	.06		.05																	.07							
DUNDEE 4 ESE	.41		.20		.21																			T								
DUNMOR	1.68		.43		1.08	.07			.06															T	.04							
ELKTON 2 S	.98			.20	.67	.06	.02		.03										T					T								
FORDS FERRY DAM 50	3.02		.39	.14	2.01	.09		.07	.16																.16							
FRANKLIN 1 E	.78					.47	.03	.15													.08			T	.05							
GILBERTSVILLE 1 SE	.88			.07	.24		T	.13																	.44			T				
GOLDEN POND 8 N	2.00				1.02			.78																.10	.10							
GREENVILLE 2 W	1.51			.02	.72			.57										.05						.02	.13							
HARTFORD 6 NW	1.61		.62	T	.93			.02											T					.04								
HENDERSON 7 SSW	1.03		.21	T	.20	T		.24				T													.38							
HICKMAN 1 E	1.76		T	.14	1.10	.05		.14																	.33			T				
HOPKINSVILLE	1.10		.49	.15	.03	.40	.02																	.01								
LOVELACEVILLE	2.96	.02	.03	2.27	.30			.24																	.10			T				
MADISONVILLE 1 SE	2.70				1.06	.09		.67	.54																.34							
MAYFIELD RADIO WNGO	3.26		T	1.34	1.49			.11																	.32							
MURRAY	1.65			T	1.23			.05											.04						.33							
OWENSBORO 2 W	2.10		.75		1.25			.10																								
OWENSBORO DAM 46	2.40		.51		1.21	.02	T	.63										T	.02						.01							
PADUCAH FAA AIRPORT	1.25	T	.43	.14	.29		.02	.18																.15				.04				
PADUCAH	.62		T	.12	.18			.32																				T				
PARADISE STEAM PLANT R	1.11				.94	T			.12										.02					T	.03							
PRINCETON 1 SE	1.63		.15	.02	1.24	T		.16										T							.06							
ROCHESTER LOCK 3	1.41			.10	.94	.04			.07										.09					.07	.10							
RUSSELLVILLE	1.88			.35	1.25	.10		.04	.07															.05	.02							
SEBREE	1.48		.85		.37			.05																	.21							
UNIONTOWN DAM 49 //	.95		.03					.23	.24																.45							
• • •																																
CENTRAL 02																																
ADDISON DAM 45 //	2.35		.38	.05	1.90														T						.02							
ALBANY 4 N	2.19			.04	.06	.49	.37												.88		.22			.09	.04							
ANCHORAGE	-	-	-		.03	.17		.17										.37						.07	.08							
BARDSTOWN NAZARETH COL	.84	.12	.02		.25	.10		.14														.20			.01							
BARREN RIVER RESERVOIR	3.93			.58	.23	2.58	.22														.18			.01	.08	.05						
BOWLING GREEN	.51			.04	.07	.25	.15																	T	T							
BOWLING GREEN FAA AP	.91		T	.17	.59	.10			T									T			T		T	T	.05							
BRADFORDSVILLE	1.72		.28		.23	.77													.23		.10			.11								
BROWNSVILLE	.74		T	.01	.05	.44	T			.04									T					.10	.10	T						
BURKESVILLE 2 W	2.28			.76	.53	.47	.37														.15				T	T						
CAMPBELLSVILLE 2 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CANEYVILLE	.83		.17	.19	.23	.07	T																	.17								
CECILIA	1.36	.20	.76		.02							T						T			T			.38								
CLERMONT 1 SSE	.37		.05		.02	.02		T																.28								
EDMONTON	.85					.25	.35												.05		.10			.05	.05							
GAMALIEL 1 S	.83				.05	.41	.19	T	T												.13	T		.03	.02	T						
GLASGOW	1.14		.04		.37	.54														.04	.05			.04		.06						
GLASGOW WKAY	1.22			.36	.46	.21												.03	.05		.03			.04	.04							
GLENDALE 1 E	.47			T		.12												T					.35									
GREENSBURG	1.44				.39	.10	.33	.03	.45															.09	.05	T						
GREENSBURG HIWAY 61	1.90			T	.82	.12	.30		.51															.09	.05	.01						
HODGENVILLE-LINCOLN NP	.86		.07		.28	.13															T			.38	T							
IRVINGTON	1.00	.58	.13		.26	.01																		.02								
LEITCHFIELD 2 N	.79		.01	.40	.06	.08	T																	.21	.03							
LIBERTY	1.37		.35	.08	.08	.21	.40												.19		.02			.04								
LOUISVILLE	1.03	.17			.75			.06				T						.05							T				T			
LOUISVILLE WB AP R	1.08	.17	.03	.54	.05	T		.13				T						.09						.04	.03			T				
LOUISVILLE UPPER GAGE	1.45		T		1.13				.04				T						.26					T	.02	T						
MAMMOTH CAVE PARK	1.70	T			1.25	.27																		T	.18							
MILLERSTOWN	.55				.05	.28																		.17	.05							
MUNFORDVILLE	1.36				.06	1.00																		.20	.10							
NOLIN RIVER RESERVOIR	1.43		.10	.72	.08	.37	T			T														.06	.10		T					
ROUGH RIVER DAM	.61		.25	T	.12	.04													T					.20	T				T			
SCOTTSVILLE 3 SSW	2.04				.08	.54		1.31																.11								
SCOTTSVILLE 2 SW	1.74				.03	.28	.30	.25	.80												.05				.03							
SHEPHERDSVILLE	.20			.02	.03	T																		.10	.05							
SUMMER SHADE	1.40				.22	.82		.01													.25		.03	.04	.03							
WOLF CREEK DAM	2.54			.69		.76	.41												.48		.17			.03		T						
WOODBURY LOCK 4	2.17		1.02	.02	.85	.08	.06																	.03	.11							
• • •																																
BLUE GRASS 03																																
BEREA COLLEGE	3.30	.04	1.20	.07	.05	.25		.54					T					1.00	.06		T			.08	.01	T						
BEREA	2.68		.72	.10	.03	.11	.12		.45				T						1.06	T				.04	.04	.01						
CARROLLTON LOCK 1	1.41		.56	.25		T			.42										.12			T		.04	.02							
COVINGTON WB AIRPORT R	2.87	.85	.63			.08	T	.48										.47						T	.35			.01				
CYNTHIANA	1.13		.49	T	.01	.28	.19						T						T			.10		.04	T	.02						
CYNTHIANA 2	1.18		.55	.04	.03	.27			.18				T								.11					T						
DANVILLE	1.48		.10	.65	.30	.06	.06		.10												.04			.10	.07	T						
DIX DAM	3.12		.88	.02		.26	.12		1.61										.10					.13								
FALMOUTH 5 WNW	3.35		1.88		.37		.22		.06				T						.22			.18		.03	.06	.33						
FARMERS 1 WNW	2.22					.23	T	.03	.71										1.22		T				.03	T						
FLEMINGSBURG	1.33		.47			.03	.02	T	.53										.20		.04				.02	.02						
FLEMINGSBURG 1 SW	1.21	.27	.04		.07	.03		.32	.07									.33			.04			T	.04							
FORD LOCK 10	1.43		.01	.06	T	.12	.02		.64	T									.24		T	.12	.14	.08								
FRANKFORT LOCK 4	1.37		.60	.06	T		.51		T				T						T					.07	.13	T						
GEORGETOWN WATER WORKS	.12																		.09			.01		.01		.01						
GEST LOCK 3	2.05		.95	.15		.03	.75		T				T						.06	T	T	.05		T	.06	T						
HIGH BRIDGE LOCK 7	1.30		.15	.11	.10	.07	.12		.49										.05		.09			.08	.04	T						
KEENE 1 SSW	.86			.47		.09	.13												T							.17						
LA GRANGE 1 ESE	1.54		.75	.26	.04	.08		.09			T							.24			T			.05	.03				T			
LANCASTER	2.09		.39	.66		.29			.11										.58					.06								
LEXINGTON WB AIRPORT R	.49	T	.30		T	.10		T				T						T		.03	T			.03	.03			T				
LITTLE HICKMAN LOCK 8	.78					.58			.02												T			.18	T							
LOCKPORT LOCK 2	1.34		.23	.17	T		.57												T					.20	.15	.02			T			
MAYSVILLE SEWAGE PLANT	2.30		T			.93	.09	T	1.25										T		T			T	T	.03						
MIDWAY	.49		.06			.04	.29																	.10								
MOUNT STERLING	2.35		T	T	.31	.10	.02	.85										.61		.04	.20			.17	.05			T				
OWENTON 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RICHMOND	1.07		.12	.21	T	T	.05		.16										.38	T				.13	.02	T						
SALVISA LOCK 6	.67		T	.04		.05	.21	.09											.13	T				.11	.04	T						
SHELBYVILLE	1.48		.12	.46		.47	.11		.05													T		.21	.06	T						
SPRINGFIELD	1.28		.14				.89																	.25	T							
TAYLORSVILLE	1.36		.55		T	.25	.05		.10																.26	.15						
TYRONE LOCK 5	1.53		.04	.31	.05		.27	.02	.20				T						.40		.04			.03	.02	.15						
VALLEY VIEW LOCK 9	.26		T	.12	T	.03	.03	T	.01										T		T			.06	.01	T						
WARSAW MARKLAND DAM	1.29		.08	.30			.04	.60	.08										.10					T	.03	.06						

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	3.64		.28	1.30		.14	.85		.41										.57					T	T	.09						.
WILLIAMSTOWN 3 NW	1.31		.47	.03	T	.39		.23				T						.06			.04			.05	.04				T			.
* * *																																
EASTERN 04																																
ASHLAND	1.80	T	.71	.16			.18		.45										.18		.01			.04	.04	.03						.
BARBOURVILLE	3.62	T	.06	.51			.11	.95	.03	T									.45		1.28	.07		.12	.04	T						.
BAXTER	2.67	.12	.84	1.08	T	.15				T									T		.36	T		T	.09	.03						.
BLAINE	3.47		.22				.18	.22	.18										2.31					.36								.
BUCKHORN	2.05	T	.08			T		.13	1.35	T									.05	T	T			.27	.12	.05						.
BURDINE 2 NE	2.17		.04	.45			1.00	.10	.10	.05									.15					.22	.06							.
CLAY CITY 1 WNW	1.54								.72										.55					.15	.12	T						.
COLLEGE HILL LOCK 11	1.49		.06	T		.03	.05	T											1.17					.10	.04	.04						.
CUMBERLAND	2.08	.02	.72	.52		.31		.06	.23															.09	.04		.05				.02	.
CUMBERLAND FALLS ST PK	3.42	.05	.11	.19	.01	.39		.07	.43									1.30	.10	.25	.18		.10	.11	.13							.
DEWEY DAM	-	1.15				.18	.80	-	2.57										T					T	T	.10						.
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
FISHTRAP RESERVOIR	2.56		.20				.83	.34	.92	.11									.07		T			T	.06	.03						.
FREEBURN 2 SW	1.03		.11	.02			.15		.30	.01											.22				.12	.05					.05	.
FRENCHBURG	1.85		.32			.07	.02		.17	T									.75			.01			.14	.02				.35		.
GRAYSON 5 SE	2.20		.14	.02			.38	.33	.61										.58		.03			.05	.03	.03						.
GRAYSON RESERVOIR	2.81	.03	.05			.04	.30	.08	1.30										.89		.09			.03	T							.
HAZARD WATER WORKS	1.72		.11		.89				.40										.07	.06					.10	.09						.
HEIDELBERG LOCK 14 R	1.77		.13	T		.29		T	.67										.23	T				.33	.08	.04						.
HINDMAN 11 NNE	2.28		.04		.58		.20	.05	.98										.19					.04	.06	.14						.
HYDEN	.55		.15	.13															.01	T	.04			.10	.08	.04						.
JACKSON	3.00	T	.50	.41	.03	.01		T	1.14	.32									.12					.25	.04	.18						.
JEREMIAH	3.40	.05	.28	.60		.59	1.70		.05									T	.02	T				.07	.04							.
LLOYD GREENUP DAM	4.79		.16				.16	.02	3.42										.84					T	.08	.11						.
LONDON FAA AP	2.01	T	.40	.70	.01	.16		.19					T					.22	T	.08	T		.08	.11	.06							.
LOUISA 2	3.60		.51			.02	1.31	.18	.35										1.04					.02	.01	.16						.
MANCHESTER 4 SE	1.46		T	.09		.44			.15										.42		.17			.15	.04							.
MARTIN	1.11		.23				.16		.40										.10						.10				.12			.
MC KEE	2.93		.17	.08	T	.06	.12		1.38										.60	T				.37	.06	.09						.
MIDDLESBORO	1.59	.03	T	T		.07		.06													1.12	.06		.19	.06	T						.
MONTICELLO	2.42			T	.68	.16	1.08												.10		.11			.20	.06	.03						.
MOUNT VERNON	3.59	T		.75		1.35	.23		.07	.65									.46				T	.08	T							.
ONEIDA	1.61			.07					.96										.10		.10			.15	.15	.08						.
PAINTSVILLE 1 S	1.62					.14	.54		.77									T	.14						.03							.
PIKEVILLE	2.52		.08		T	.51	.49	.90	.20									T	T	.22				.05	.07							.
PINEVILLE 4 NW	3.70	.06		.94			.07		.02	.08									.81		1.39	.08		.20	.02	.03						.
RAVENNA LOCK 12	3.18		.02			1.00	.04		1.08				T						.77					.14	.04	.09						.
SALYERSVILLE 2 SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
SOMERSET 2 N	2.14		.15	.02	.05	.52												.86	.20	.06	.06		.08	.10	.04							.
STEARNS	3.29		.58	.12	.17		.59	.15	.26	.03									.26		.86			.12	.15							.
TILFORD	3.36	.60	.15						.46									1.02		T	.11					T	1.02					.
TOMAHAWK 1 WSW	2.31		.05	.03		.04	.41	.31	.81										.25	T	.12			.02	.05	.22						.
VANCEBURG	2.07		.10			.09		.55	.54									.73						.03	.03			T	T			.
WEST LIBERTY	1.53		.35	.04		.19		.28	.10										.47					.03	T	.07						.
WILLIAMSBURG 1 E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.
WILLOW LOCK 13	.65		T			.31			.05										.09					.16	.04							.

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time EASTERN				Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
							01	07	13	19									
COVINGTON WB AIRPORT	6	0.5	7.2	21++	36	06	83	85	59	69	2	2	3	2	0	0	9	-	6.9
LEXINGTON WB AIRPORT	13	1.0	7.1	17++	24	17+	78	83	53	62	7	3	2	0	0	0	12	-	6.4
LOUISVILLE WB AIRPORT	4	0.7	6.3	22	NW	17+	85	90	58	63	3	5	2	1	0	0	11	68	6.2

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	88	89	90	80	87	91	85	82	79	74	77	81	85	84	85	87	82	77	78	82	85	86	83	77	75	82	80	78	82	86		82.6
	MIN	66	65	66	68	69	68	67	64	52	44	43	50	53	53	55	63	68	59	58	57	58	53	59	55	42	45	51	46	40	48		56.2
BEAVER DAM	MAX	86	85	88	83	85	89	84	82	80	70	72	77	82	83	84	86	84	77	75	78	83	82	78	73	70	79	78	75	78	86		80.4
	MIN	66	65	63	67	66	66	67	62	50	45	40	45	47	49	55	58	66	56	55	58	56	55	63	58	41	42	49	46	39	47		54.7
FORDS FERRY DAM 50	MAX	88	82	86	81	87	90	85	81	71	73	73	80	84	83	84	87	78	75	77	78	81	82	78	72	72	82	77	76	80	86		80.3
	MIN	71	67	65	67	69	70	68	66	54	50	48	53	58	59	66	67	64	55	47	58	59	60	63	55	50	50	58	54	48	58		59.2
GILBERTSVILLE 1 SE	MAX	87	89	87	82	87	91	86	84	75	76	77	80	83	85	85	88	83	78	79	79	84	83	79	75	76	82	83	79	79	83		82.1
	MIN	70	71	67	67	70	70	68	63	54	46	45	52	57	57	62	64	70	58	58	62	62	58	62	58	46	48	55	52	44	51		58.9
GOLDEN POND 8 N	MAX	91	87				87	84	79	76	76	67	68	73	76	77	78	80											82	75			
	MIN	69	70	68	66	69	69	68	65	57	52	50	52	56	58	62	63	58	50	56	59	60	60	65	45	48	49	56	47	49			58.5
GREENVILLE 2 W	MAX	88	88	87	84	85	89	88	85	78	71	73	80	84	84	85	85	82	75	75	79	84	83	74	72	72	81	80	75	80	86		81.1
	MIN	66	67	63	67	69	68	67	63	53	45	43	48	54	51	57	61	68	57	55	60	57	56	63	58	43	45	51	49	42	49		56.5
HENDERSON 7 SSW	MAX	88	86	88	83	87	92	87	82	73	73	70	80	84	83	84	87	80	76	77	78	84	87	89	74	74	84	79	77	80	88		81.8
	MIN	69	67	66	67	67	70	67	65	50	50	46	44	53	58	61	63	69	54	55	52	53	56	63	57	42	46	56	46	42	54		56.9
HICKMAN 1 E	MAX	87	90	86	78	86	90	89	80	75	70	74	80	82	82	83	84	79	73	75	80	86	83	78	73	75	81	78	77	82	85		80.7
	MIN	64	65	64	64	65	66	65	63	53	44	42	49	53	54	54	61	67	57	55	59	56	52	57	54	45	49	53	51	43	49		55.8
HOPKINSVILLE	MAX	90	88	87	88	81	87	88	86	76	77	77	83	86	85	86	87	85	79	76	79	85	82	74	78	78	75	85	85	80	83		82.5
	MIN	65	69	65	65	68	68	64	54	50	47	48	50	52	54	59	62	60	58	57	60	60	59	60	47	47	48	47	52	49	49		56.4
LOVELACEVILLE	MAX	88	87	87	80	88	91	86	84	75	75	77	83	85	84	85	87	82	77	80	80	84	85	81	74	77	85	80	80	84	88		82.6
	MIN	67	68	66	67	68	68	66	65	51	44	43	51	53	54	55	61	67	60	58	58	60	55	60	55	43	46	52	51	42	48		56.7
MADISONVILLE 1 SE	MAX	87	86	87	83	84	90	89	85	80	74	72	80	82	82	83	85	83	78	77	79	83	82	77	73	73	82	80	77	79	87		81.3
	MIN	66	67	65	67	67	70	68	64	52	47	47	48	51	53	58	61	68	54	55	58	57	55	58	57	45	47	53	48	43	51		56.7
MAYFIELD RADIO WNGO	MAX	89	87	86	84	85	93	85	85	82	72	76	81	84	81	85	84	85	79	77	79	82	87	84	75	78	82		77	83	85		82.5
	MIN	64	61	62	65	66	63	65	61	49	41	40	47	54	57	53	61	68	56	57	61	62	51	59	59	41	48		49	38	45		55.3
MURRAY	MAX	87	87	86	85	80	84	87	82	81	72	70	76	78	81	81	82	85	80	75	75	75	82	81	73	72	72	78	80	74	77		79.3
	MIN	69	70	67	68	69	70	69	65	55	48	48	54	56	56	59	63	67	60	58	60	60	58	63	61	49	50	54	53	46	51		59.2
OWENSBORO 2 W	MAX	91	88	91	84	85	90	87	87	77	75	73	77	85	85	85	86	85	77	80	80	85	85	78	74	77	82	79	79	83	85		82.5
	MIN	67	65	67	66	67	67	65	66	50	47	44	44	51	54	57	60	62	53	54	57	58	58	64	57	44	45	52	45	44	52		56.1
PADUCAH FAA AIRPORT	MAX	85	88	85	80	87	90	84	81	72	73	76	82	83	84	84	86	78	78	80	80	85	85	81	74	75	84	80	78	83	88		81.6
	MIN	68	70	68	68	70	68	67	64	53	48	46	52	56	58	60	66	64	59	59	60	61	58	62	52	46	49	57	50	44	54		58.6
PADUCAH	MAX	87	86	85	81	87	92	91	85	81	73	77	81	84	84	85	87	86	77	79	80	84	86	84	82	77	83	87	81	82	87		83.4
	MIN	69	70	68	69	70	69	67	66	53	45	47	52	55	58	58	64	72	57	59	59	61	57	61	56	49	49	55	49	45	52		58.7
PRINCETON 1 SE	MAX	86	87	87	84	86	90	89	85	80	72	76	80	83	83	83	85	85	75	77	78	83	81	77	74	73	83	82	76	82	87		81.6
	MIN	70	73	65	67	67	70	68	63	53	47	44	49	53	55	60	64	69	55	57	60	57	55	65	57	45	46	53	51	43	50		57.7
ROCHESTER LOCK 3	MAX	87	87	85	87	82	83	89	85	82	71	72	72	77	82	82	83	85	82	76	75	78	82	79	72	73	72	79	78	75	78		79.7
	MIN	63	66	64	65	68	68	68	64	53	47	44	44	49	49	52	57	61	60	56	57	57	57	58	60	45	45	48	48	42	43		55.3
RUSSELLVILLE	MAX	88	87	86	88	82	82	89	85	83	72	72	73	78	81	82	82	85	83	75	74	79	83	80	73	74	74	81	81	77	80		80.3
	MIN	66	67	64	67	69	69	68	63	54	45	41	45	48	49	60	63	64	60	56	58	59	60	61	61	43	45	45	49	42	45		56.2
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX			88	85	83	87	85	82	75	70	72	74	80	81	83	85	80	73	73	69	78	84	79	72	70	80	80	74	78	85		78.8
	MIN			64	68	67	67	66	64	48	45	43	43	42	48	60	60	65	52	51	57	56	56	62	56	48	44	54	45	45	53		54.6
BARDSTOWN NAZARETH COL	MAX	90	86	87	86	83	89	88	83	79	71	72	76	81	82	82	86	85	80	75	71	78	84	80	73	72	80	79	75	76	85		80.5
	MIN	69	66	63	67	69	68	68	65	49	48	43	44	48	49	60	60	65	56	50	59	52	54	62	58	47	44	53	45	39	51		55.7
BARREN RIVER RESERVOIR	MAX	90	89	88	90	84	81	91	84	84	73	72	74	77	81	84	84	88	86	73	71	83	83	78	71	72	72	81	81	75	79		80.6
	MIN	65	68	65	65	67	69	69	64	53	45	44	45	49	49	49	62	63	59	58	60	60	59	63	63	45	44	49	50	45	43		56.3
BOWLING GREEN FAA AP	MAX	86	88	87	85	83	91	86	85	72	72	73	78	81	84	85	87	84	74	72	81	82	80	72	74	73	81	82	76	78	86		80.6
	MIN	69	67	64	68	68	65	67	64	54	47	42	49	48	50	57	58	66	59	59	62	57	61	64	53	47	45	50	49	43	48		56.7
BRADFORDSVILLE	MAX	91	85	86	89	83	89	88	85	82	73	73	76	78	81	83	84	85	87	77	72	80	85	82	71	72	71	80	80	75	80		80.8
	MIN	66	65	59	65	68	62	64	63	47	44	39	48	43	46	52	57	60	58	56	60	53	55	63	60	46	40	45	45	35	44		53.6
CAMPBELLSVILLE 2 SSW	MAX																																
	MIN																																
CECILIA	MAX	86	86	87	86	83	90	88	83	78	71	72	77	61	83	85	87	84	76	75	75	82	84	76	73	71	80	79	74	79	86		80.6
	MIN	74	65	63	68	67	64	66	62	50	46	40	42	43	46	50	55	63	57	53	59	56	54	63	58	46	42	48	45	42	46		54.4
CLERMONT 1 SSE	MAX	90	88	89	90	85	90	90	85	84	74	73	78	82	84	84	88	86	81	78	74	83	86	71	75	75	81	80	78	79	87		82.3
	MIN	65	65	60	66	67	64	65	63	47	44	39	40	43	45	55	54	63	53	52	58	50	53	55	57	42	41	49	44	38	46		52.8
GLASGOW WKAY	MAX	86	86	86	83	79	90	86	83	77	70	72	76	80	83	84	87	85	80	68	80	81	75	70	72	70	79	80	73	80	84		79.5
	MIN	69	67	64	67	68	67	65	63	52	47	42	48	47	49	55	55	64	57	58	62	55	58	63	61	44	44	48	49	43	45		55.9
GREENSBURG	MAX	92	88	90	91	87	83	90	83	85	75	74	78	78	82	84	85	88	87	78	71	82	86	86	71	71	72	80	82	78	80		81.9
	MIN	62	67	64	65	68	64	64	64	52	46	44	45	48	48	49	55	55	59	58	59	55	58	60	63	46	46	46	48	41	45		54.8
HODGENVILLE-LINCOLN NP	MAX	89	86	86	87	83	90	90	84	80	70	73	76	80	83	84	87	86	85	75	78	81	83	78	71	74	78	78	79	78	86		81.3
	MIN	69	67	63	67	69	65	67	62	48	45	41	44	46	47	59	59	65	57	54	60	57	57	63	59	45	45	50	46	45	50		55.7
IRVINGTON	MAX	90	81	86	85	84	90	90	83	78	71	71	75	79	83	83	85	85	76	74	73	80	85	84	72	72	78	79	77	78	86		80.4
	MIN	67	66	63	68	68	66	67	61	46	43	40	43	43	46	55	59	66	52	53	58	56	56	63	59	41	41	48	45	40	47		54.2
LEITCHFIELD 2 N	MAX	86	86	88	85	83	90	86	86	76	72	72	77	81	82	84	86	84	76	72	76	81	80	74	73	72	80	77	73	79	85		80.1
	MIN	68	67	64	68	67	66	67	63	52	44	40	45	44	46	56	62	67	59	56	61	54	55	64	61	45	43	48	42	39	47		55.3
LOUISVILLE	MAX	94	84	88	89	87	92	87	84	79	70	70	75	78	82	83	85	85	80	77	75	80	85	85	72	75	78	81	79	76	83		81.3
	MIN	72	70	69	69	71	71	70	70	52	52	45	47	54	55	63	62	69	54	54	58	54	61	64	58	53	52	52	50	51	50		59.1
LOUISVILLE WB AP	MAX	81	84	87	81	84	88	82	80	70	70	71	74	79	81	82	85	82	74	73	69	79	82	73	72	70	78	78	73	76	83		78.0
	MIN	70	70	65	70	70	69	69	62	52	49	45	46	48	53	60	60	61	55	52	60	56	59	64	53	51	47	54	47	43	51		57.0
MAMMOTH CAVE PARK	MAX	86	86	87	81	80	88	88	86	76	71	72	75	79	81	82	85	85	83	73	78	82	80	77	72	73	79	80	77	79	84		80.2
	MIN	67	65	62	67	67	68	65	62	50	45	39	43	45	49	57	59	65	63	59	58	62	58	64	60	44	43	49	48	41	46		55.7

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	90	88	87	88	85	83	90	84	85	80	74	75	77	81	83	84	87	85	77	75	80	83	82	71	75	73	81	80	78	79		81.3
	MIN	63	69	63	64	69	66	66	61	52	46	45	44	45	42	48	58	62	60	58	58	57	60	57	62	46	46	46	47	43	42		54.8
ROUGH RIVER DAM	MAX	91	88	88	90	84	85	90	86	84	71	74	72	74	82	83	85	87	85	75	76	79	85	86	73	74	73	81	78	76	80		61.2
	MIN	63	63	64	65	67	68	66	61	51	44	43	43	48	51	53	60	63	55	54	54	56	58	53	60	43	43	48	45	42	41		54.2
SCOTTSVILLE 3 SSW	MAX	86	87	87	82	80	88	83	81	75	71	72	76	79	82	83	87	85	80	70	77	80	78	72	69	69	78	79	76	78	84		79.1
	MIN	70	68	67	67	67	68	66	67	54	49	46	53	55	58	60	61	66	58	58	62	59	63	62	60	47	48	54	53	47	53		58.9
SUMMER SHADE	MAX	86	86	87	87	80	88	85	81	76	70	73	75	81	81	84	85	81	72	74	78	80	79	68	68	67	77	79	76	76	81		78.7
	MIN	66	65	58	63	68	65	66	63	52	46	42	46	45	56	56	65	58	60	59	59	55	58	62	59	43	43	45	45	40	46		55.1
WOLF CREEK DAM	MAX	92	88	87	90	86	83	90	86	82	72	74	75	78	82	83	85	87	84	73	71	79	82	76	69	68	71	80	82	75	78		80.3
	MIN	65	63	60	62	63	60	62	64	51	43	43	49	47	48	50	51	54	59	59	62	56	56	58	62	52	41	49	48	39	42		53.9
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	86	85	88	86	86	87	85	79	77	71	73	74	79	81	82	86	85	72	71	75	80	78	74	69	70	77	77	74	74	80		78.7
	MIN	69	66	62	67	67	68	67	65	51	47	45	47	49	54	61	59	68	56	55	58	56	58	61	61	53	46	52	51	43	52		57.1
CARROLLTON LOCK 1	MAX	88	83	82	82	82	88	85	78	78	68	70	74	77	80	81	84	84	72	72	70	75	82	82	74	69	77	78	70	74	82		78.0
	MIN	67	69	66	69	69	69	68	66	52	45	44	47	48	51	56	58	65	52	52	55	58	52	63	57	49	45	51	47	41	49		56.0
COVINGTON WB AIRPORT	MAX	89	84	82	84	80	88	85	80	68	70	70	74	79	81	82	85	75	74	71	68	75	81	78	71	65	77	75	71	73	81		77.2
	MIN	68	69	68	69	69	69	66	60	49	45	45	44	49	53	60	61	59	52	53	58	56	55	62	55	50	45	47	42	43	51		55.7
CYNTHIANA 2	MAX	92	87	85	88	90			84	80	71	74	74	77	80	85	84	87	84	76	70	75	80	83									81.2
	MIN	58	65	63	66	68			64	48	43	41	43	42	46	47	51	57	54	50	55	54	50			51							53.1
DANVILLE	MAX	91	85	82	88	85	82	88	87	82	70	73	73	77	82	83	84	86	85	78	70	78	81	81	72	67	65	81	79	75	76		79.5
	MIN	62	68	62	62	66	66	66	66	52	49	45	45	49	49	52	59	59	57	54	56	55	55	57	62	53	46	46	49	43	43		55.1
DIX DAM	MAX	87	87	86	87	82	88	87	80	79	70	73	74	78	81	82	85	85	80	75	78	79	80	78	72	68	77	77	77	76	84		79.7
	MIN	69	68	63	67	67	65	68	64	50	49	44	48	50	51	58	57	62	57	54	57	56	57	62	62	52	46	52	48	45	42		56.3
FALMOUTH 5 WNW	MAX	90	84	83	86	81	88	84	80	76	71	72	75	79	81	81	85	83	74	69	68	77	81	73	70	67	78	78	77	74	83		78.3
	MIN	60	64	61	63	64	61	61	60	45	40	38	40	41	44	52	50	55	47	44	56	47	47	53	55	43	38	45	39	33	44		49.7
FARMERS 1 WNW	MAX	82	86	87	87	83	88	85	81	77	75	75	76	79	82	83	86	86	74	65	75	78	78	71	69	67	77	78	72	77	82		78.7
	MIN	66	67	63	67	66	62	63	63	59	45	45	45	45	49	53	51	56	57	52	56	53	54	62	60	51	42	46	47	37	47		54.3
FLEMINGSBURG 1 SW	MAX	85	84	86	65	81	86	85	78	67	71	72	75	78	82	82	85	85	72	65	75	77	78	71	67	67	77	78	70	72	83		77.3
	MIN	66	65	64	67	67	62	64	63	51	43	40	44	43	50	54	53	60	54	49	57	53	55	62	59	48	39	48	44	39	46		53.6
FRANKFORT LOCK 4	MAX	92	88	88	88	86	82	89	86	82	70	74	72	77	81	82	83	86	83	76	72	70	80	83	70	73	72	80	80	75	77		79.9
	MIN	62	68	66	66	65	65	66	65	51	47	47	46	47	49	52	56	56	55	51	52	54	55	56	63	52	46	47	47	42	42		54.5
LEXINGTON WB AIRPORT	MAX	84	83	85	84	81	85	85	80	68	72	72	76	79	82	83	85	84	76	69	75	80	81	72	67	68	79	79	73	75	85		78.2
	MIN	70	67	66	69	70	68	68	61	52	49	48	48	51	56	60	59	61	58	53	60	56	59	64	56	51	45	54	43	45	53		57.3
MAYSVILLE SEWAGE PLANT	MAX	91	88	86	88	87	82	89	85	80	68	72	74	76	79	82	84	85	83	75	68	74	79	79	74	66	71	79	79	71	73		78.9
	MIN	65	67	64	64	65	65	66	66	52	48	49	48	51	51	54	57	58	54	50	53	53	52	53	62	52	47	47	49	50	44		55.2
MOUNT STERLING	MAX	83	85	87	86	85	85	84	79	76	70	70	75	78	80	82	85	85	73	72	75	78	77	74	69	68	75	75	75	73	81		78.0
	MIN	70	66	65	68	68	66	67	65	51	48	45	48	48	54	57	55	62	56	53	57	54	56	62	60	51	44	51	45	43	44		56.0
OWENTON 2 S	MAX																																
	MIN																																
RICHMOND	MAX	89	81	84	88	86	81	89	87	81	73	73	73	77	80	83	84	87	85	75	67	78	78	77	72	65	67	77	79	73	74		78.8
	MIN	65	66	63	66	66	64	66	64	48	46	45	48	48	51	58	57	61	56	54	54	55	58	60	62	51	43	47	50	44	48		55.5
SHELBYVILLE	MAX	89	86	85	86	84	82	87	83	79	70	70	72	75	79	81	82	85	82	74	72	67	79	84	72	73	70	79	79	72	75		78.4
	MIN	65	68	65	65	66	65	65	65	49	48	44	44	45	48	53	59	60	54	51	51	57	57	58	59	50	45	45	41	45	45		54.4
WARSAW MARKLAND DAM	MAX	91	86	86	85	85	87	89	81	81	68	72	74	76	81	82	84	85	80	73	71	69	75	80	78	73	70	79	79	72	77		79.0
	MIN	64	64	68	67	67	67	65	64	49	47	45	42	46	47	51	54	60	54	54	56	56	52	53	62	51	47	43	45	42	43		54.2
WAYNESBURG 7 NE	MAX	83	83	86	86	79	86	84	79	77	69	72	75	78	80	81	85	80	72	69	77	80	75	69	66	67	77	75	69	73	80		77.1
	MIN	68	63	62	64	65	64	65	63	52	46	44	50	48	53	55	55	61	56	54	59	54	56	61	58	49	46	49	49	40	47		55.2
WILLIAMSTOWN 3 NW	MAX	86	83	81	85	80	86	85	79	75	71	70	75	78	80	80	83	78	72	70	67	75	80	77	71	67	78	77	73	73	84		77.3
	MIN	69	66	66	66	68	66	67	63	48	45	45	45	52	55	62	59	64	49	50	55	54	55	61	55	50	48	55	40	47	53		55.9
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	91	82	82	84	88	85	88	88	79	69	72	74	75	78	82	84	85	89	66	67	73	78	79	73	72	65	76	79	71	71		78.2
	MIN	65	69	62	62	66	64	64	65	51	47	47	49	49	50	54	54	58	56	51	56	51	49	49	61	53	45	45	45	42	44		54.1
BARBOURVILLE	MAX	89	80	86	89	86	84	88	88	80	72	72	73	77	80	82	83	87	80	71	67	75	81	75	70	73	74	79	82	73	75		79.0
	MIN	57	67	64	64	65	65	65	64	54	47	43	43	47	47	49	50	51	57	60	59	53	52	52	61	54	47	42	50	40	40		53.6
BAXTER	MAX	88	81	84	87	87	85	89	87	82	71	70	74	77	80	81	83	85	87	78	70	74	80	75	68	75	73	79	81	74	75		79.3
	MIN	59	65	62	61	63	64	64	64	55	48	44	44	47	47	52	52	53	58	58	57	54	52	52	60	55	50	48	47	42	42		54.0
BLAINE	MAX	90	83	86	88	89	85	90	88	80	78	74	75	76	79	83	82	87	88	64	67	75	82	79	74	74	78	78	78	75	76		80.0
	MIN	61	68	65	64	66	64	62	60	50	47	42	41	41	43	44	46	46	51	54	50	49	48	48	56	53	44	41	39	38	36		50.6
CUMBERLAND	MAX	89	83	86	67	85	86	87	80	70	74	75	76	79	80	82	84	80	83	72	84	85	81	70	73	75	60	83	83	77	80		80.3
	MIN	52	51	54	46	50	48	49	47	53	47	42	45	42	43	45	49	50	53	53	55	53	49	59	55	50	47	45	53	35	41		48.7
DEWEY DAM	MAX	85	77	79	60	84	79	82	82	72	72	70	72	75	78	81	82	84	85	63	71	75	78	74	71	75	68	70	76	70	70		76.0
	MIN	63	64	62	59	60	62	63	60	47	51	50	50	49	51	54	54	56	57	55	56	50	49	52	57	54	48	49	50	43	38		53.8
GRAYSON 5 SE	MAX	92	80	85	87	90	84	87	87	79	70	73	72	75	79	82	83	85	86	63	66	73	78	77	72	71	66	76	76	72	72		77.9
	MIN	64	67	62	63	63	64	63	64	50	47	43	43	44	44	48	49	49	55	51	55	48	47	48	61	52	41	41	45	36	37		51.5
HEIDELBERG LOCK 14	MAX	89	85	87	86	87	87		83	79	69	70	72	76	81	81	84	86	81	72	74	78	79	74	71	69	72	78	77	70	78		78.4
	MIN	65	69	65	66	65	64		63	51	47	42	47	45	47	52	51	56	58	55	59	54	53	61	63	51	46	46	49	38	42		54.1
HINDMAN 11 NNE	MAX	90	83	85	86	86	87	87	88	78	74	69	73	75	77	81	82	84	85	63	72	76	79	77	71	74	69	73	82	72	71		78.3
	MIN	63	65	64	65	64	64	63	63	54	45	43	44	45	46	50	50	50	56	59	56	50	49	49	61	57	47	46	47	38	39		53.1
HYDEN	MAX	90		85	87	88	87	89	89	81	70	70	73	76	77	85	84	87	82	67	68	76	82	81	72	76	74	77	82	77	75		79.6
	MIN	59		63	63	64	64	63	63	55	48	44	44	48	47	49	51	51	57	59	59	54	54	54	60	55	47	47	47	40	40		53.4
JACKSON	MAX	93	84	89	91	91	84	91	80	81	74	73	75	78	81	84	85	88	83	66	68	77	81	78	71	74	71	78	80	75	75		80.2
	MIN	63	68	68	65	66	66	64	64	53	48	45	45	47	48	50	54	54	59	56	58	52	52	54	62	55	47	47	48	40	40		54.6

See Reference Notes Following Station Index

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DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	76	85	86	83	81	87	85	80	72	69	71	73	76	80	81	83	78	69	64	75	80	76	68	68	68	75	78	71	72	78		76.3
	MIN	68	65	60	63	65	63	63	63	51	43	40	46	44	47	52	50	57	58	58	58	51	53	60	53	47	41	44	44	38	43		52.9
MANCHESTER 4 SE	MAX	85	88	88	87	80	88	88	83	77	71	74	75	80	83	84	87	83	76	66	75	80	80	74	72	73	77	80	73	75	82		79.5
	MIN	64	65	62	64	64	64	63	63	51	46	41	47	45	47	50	48	55	61	59	59	52	52	61	64	51	46	45	49	38	41		53.9
MC KEE	MAX	90	80	85	87	87	79	88	85	79	69	70	71	75	78	82	83	86	80	70	66	76	78	78	68	68	67	78	76	68	76		77.4
	MIN	57	65	61	61	64	63	61	61	50	43	39	40	43	44	46	49	49	55	58	58	54	52	52	62	49	40	42	45	36	38		51.2
MIDDLESBORO	MAX	85	81	85	86	85	85	87	84	83	71	72	73	75	79	80	81	84	79	77	70	72	78	72	67	74	72	75	80	72	73		77.9
	MIN	57	66	66	63	63	63	63	66	54	43	42	44	47	49	52	52	53	58	59	59	53	53	56	60	51	48	49	50	40	42		54.0
MONTICELLO	MAX	87	89	88	84	80	89	85	83	77	73	74	77	80	83	84	87	84	80	68	77	82	78	67	67	71	77	81	74	76	83		79.5
	MIN	61	67	61	65	67	64	63	67	52	43	41	47	44	49	55	55	64	59	59	62	52	56	60	63	54	46	46	49	39	45		55.2
MOUNT VERNON	MAX	86	81	86	85	80	86	84	82	78	75	78	75	78	80	81	85	85	77	71	74	80	80	72	67	66	78	76	76	73	81		78.5
	MIN	66	64	58	64	66	64	64	62	50	44	42	46	46	50	54	44	65	57	57	62	54	54	61	61	52	42	48	47	40	45		54.3
PIKEVILLE	MAX	85	84	88	93	90	91	90	81	75	71	76	78	81	85	86	89	88	79	77	77	83	77	72	76	75	79	79	76	79	84		81.5
	MIN	67	69	67	65	68	68	68	65	57	53	50	50	52	54	55	57	58	60	58	56	51	53	65	65	58	50	50	56	44	43		57.7
SOMERSET 2 N	MAX	87	86	87	85	80	88	86	81	77	69	74	75	78	82	83	86	81	71	69	75	79	77	68	68	71	76	78	73	73	80		78.1
	MIN	66	63	59	61	62	57	61	58	45	42	39	41	41	46	49	49	59	55	54	57	53	51	57	58	49	41	40	48	38	40		51.3
STEARNS	MAX	88	89	87	84	84	78	83	82	77	77	68	68	70	78	78	84	78	78	78	69	70	72	71	67	67	68	78	78	69	69		76.2
	MIN	67	67	63	63	65	64	62	66	53	45	43	43	45	48	55	54	56	58	55	56	58	55	53	59	52	45	50	50	44	44		54.6
TOMAHAWK 1 WSW	MAX	89	83	83	84	87	85	87	87	78	70	70	71	74	76	81	86	83	85	62	69	74	77	74	71	75	68	72	76	69	69		77.2
	MIN	59	64	63	60	60	60	60	61	60	45	45	43	43	45	48	49	49	52	51	52	46	45	45	57	50	42	41	41	35	35		50.2
VANCEBURG	MAX	77	86	87	86	84	86	84	76	71	73	74	76	74	79	84	86	87	77	64	70	74	78	76	71	68	77	73	70	78	83		77.6
	MIN	59	64	61	61	60	62	60	63	45	42	39	42	43	41	44	47	52	54	53	49	46	54	53	60	47	37	45	43	35	37		49.9
WEST LIBERTY	MAX	91	62	84	87	89	82	87	85	80	69	72	72	75	79	81	85	83	85	67	68	74	80	78	70	71	65	78	78	71	74		78.1
	MIN	64	66	64	64	64	62	62	65	50	45	44	44	46	47	51	54	53	53	52	52	49	49	53	58	50	44	44	45	39	39		52.4
WILLIAMSBURG 1 E	MAX																																
	MIN																																

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * WESTERN 01																																	
MADISONVILLE 1 SE	EVAP	.27	.13	.23	.31	.14	.06	.40	.22	.36	.17	.19	.10	.16	.17	.18	.20	.19	.19	.21	.20	.15	.16	.10	.10	.21	.12	.04	.20	.19	.20		5.55
	WIND	24	21	24	37	39	40	27	23	18	24	18	12	10	14	28	35	62	62	55	47	21	23	16	20	18	13	12	18	28	21		810
	MAX	98	98	97	98	87	89	97	92	91	80	84	75	88	87	86	84	85	83	81	82	89	86	82	83	82	78	97	90	82	81		87.1
	MIN	68	69	68	68	67	70	67	70	60	55	52	54	54	58	59	61	63	56	55	55	52	75	77	75	62	66	55	52	55	60		61.9
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.22	.21	.37	.08	.19	.10	.13	.16	.19	.16	.18	.17	.13	.16	.18	.18	.20	.19	.19	.12	.17	.15	.16	.07	.07	.12	.15	.14	.14	.15		4.83
	WIND	23	23	20	23	25	36	32	27	27	29	46	24	24	25	36	37	56	59	33	26	16	19	27	25	36	24	25	51	22	30		906
WOLF CREEK DAM	EVAP	.16	.20	.12	.15	.13	.12	.10	.11	.19	.14	.22	.05	.03	.09	.34	.13	.15	.06	.08	.08	.11	.05	.03	.02	.00	.01	.17	.10	.10	.20		3.44
	WIND	7	15	7	7	9	9	5	4	6	5	8	8	8	7	13	11	18	20	17	5	6	11	10	6	8	4	7	11	25	2		279
	MAX	90	89	87	96	97	85	93	88	89	80	82	77	85	85	85	85	87	82	73	71	76	89	75	70	71	73	84	78	82	81		82.8
	MIN	66	71	67	67	70	68	68	61	62	55	53	54	62	57	56	59	59	64	63	64	65	62	63	64	55	55	62	58	49	48		60.9
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	*	.40	.12	.20	.16	*	*	.63	.20	.20	.20	.10	.21	.17	.12	.20	.17	.23	.16	*	*	.30	.17	.07	.04	.20	.08	.16	.16	.18		4.83
	WIND	8	21	10	23	20	*	*	50	60	55	28	29	11	11	14	14	20	63	55	34	54	9	24	14	32	10	18	51	19	40		797
	MAX	90	96	88	95	88	-	-	93	80	73	78	76	82	85	85	86	87	85	80	65	80	85	85	74	69	70	80	75	76	80		81.6
	MIN	73	68	69	68	68	-	-	68	55	53	53	52	54	55	60	62	61	59	56	56	56	58	60	65	55	53	53	55	55	56		59.1
* * * EASTERN 04																																	
BUCKHORN	EVAP	.28	.02	.06	.20	*	.29	.18	.18	.00	.14	.13	.13	.15	.15	.11	.12	.23	.06	.05	.00	.06	.13	.15	*	.03	.00	.23	.11	.17	.13		3.49
	WIND	18	7	11	15	17	22	19	18	16	26	17	15	15	13	39	6	9	28	22	9	11	18	6	8	26	19	11	23	24	14		502
	MAX	95	85	93	96	95	86	96	92	82	76	79	81	84	87	87	87	89	80	69	67	80	91	81	73	75	78	84	80	81	81		83.7
	MIN	70	70	72	71	71	71	70	64	50	58	57	56	56	58	59	60	61	64	62	61	62	62	62	65	59	57	56	57	51	60		61.7
DEWEY DAM	EVAP	.23	.04	.25	.02	.25	.03	-	-	*	*	.07	.08	.17	.08	.15	.00	.08	.02	.14	.10	.05	.07	.02	.00	-	.05	.12	.04	.04	.04		2.388
	WIND	4	1	6	6	4	5	4	6	6	8	7	12	6	5	3	4	4	12	11	4	8	7	4	6	6	8	6	5	10	6		184
	MAX	96	83	88	87	93	85	90	93	78	75	72	73	68	80	81	82	82	84	79	70	63	76	72	88	75	72	70	73	73	75		79.3
	MIN	70	72	72	70	71	70	71	70	62	59	58	58	61	63	61	62	63	60	57	60	62	58	64	61	58	55	55	62	50	45		62.0

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN NAZARETH COL	4	MAX	79	79	79	79	77	78	78	77	77	75	73	70	72	70	72	72	72	71	72	68	71	72	71	70	71	71	70	69	69	69		73.1
		MIN	74	75	75	76	74	74	75	74	70	67	66	65	65	60	67	68	70	68	66	66	66	69	66	66	68	68	67	65	65	67		68.7
	20	5PM	74	76	73	74	75	74	74	74	73	74	72	73	71	70	70	70	70	70	70	70	70	70	70	69	70	70	70	70	70	70		71.6
BEREA COLLEGE	4	MAX	78	78	76	79	78	78	76	76	76	71	72	70	71	72	73	73	73	72	70	69	71	71	70	70	68	66	68	66	67	69		72.6
		MIN	76	75	75	75	76	75	75	74	71	68	68	66	67	66	69	70	71	69	68	66	66	66	69	66	67	66	65	66	64	65		69.7
	20	5PM	-	-	-	76	75	76	76	76	76	75	74	73	73	73	73	73	73	73	73	72	72	72	72	72	72	71	71	71	71	70		73.1
CUMBERLAND GAP PARK	4	MAX	76	76	77	77	76	77	77	78	74	72	76	70	70	71	74	72	72	72	69	71	70	70	68	69	69	69	71	70	69	67		72.3
		MIN	73	73	73	73	74	74	74	74	72	67	66	66	66	70	71	67	68	69	68	67	66	67	67	68	66	65	65	66	62	62		68.6
	20	5PM	74	74	74	75	74	74	75	74	74	73	72	71	69	70	71	70	70	70	70	70	70	70	70	70	70	69	69	69	68	68		71.2
FLEMINGSBURG 1 S	4	MAX	73	71	73	73	72	71	73	72	70	65	65	65	66	65	66	66	67	67	66	65	66	66	67	65	63	63	64	63	68	64		67.3
		MIN	70	69	69	70	69	69	69	68	65	61	60	60	60	61	62	62	64	64	62	62	62	63	65	63	60	58	59	60	62	59		63.6
	20	6PM	70	70	70	70	70	70	70	70	70	69	68	67	67	67	66	66	67	67	66	67	67	67	67	67	66	65	65	65	65	64		67.5
GLASGOW KAY	4	MAX	78	79	79	77	77	79	79	78	77	75	73	72	73	73	72	73	74	74	73	73	73	73	72	71	70	69	69	69	69	69		73.7
		MIN	75	75	75	75	75	74	76	74	73	65	67	68	67	67	66	69	71	71	69	69	70	69	70	70	65	64	65	67	63	64		69.8
	20	6PM	74	74	74	74	74	74	74	74	73	73	72	71	70	70	70	70	70	70	70	70	70	70	70	70	69	69	68	68	68	67		71.0
GREENVILLE 2 W	4	MAX	83	84	83	83	82	83	83	82	82	79	78	76	77	77	76	76	75	77	76	76	77	78	76	75	76	77	75	74	75	74		78.3
		MIN	79	79	78	78	79	78	77	78	75	74	70	69	70	71	72	72	73	73	72	73	72	72	73	72	68	68	69	68	67	68		72.8
	20	5PM	76	76	76	76	75	75	75	76	75	74	74	73	72	72	72	72	72	72	72	72	71	72	72	72	71	71	70	70	70	70		72.9
HENDERSON 7 SSW	4	MAX	78	79	79	79	78	79	79	79	76	78	75	72	72	72	72	73	73	73	74	73	73	74	74	74	74	72	71	71	71	71		74.7
		MIN	77	77	77	77	77	77	78	77	74	75	69	68	68	66	70	71	73	72	70	70	71	71	73	72	68	68	69	68	67	68		71.9
	20	6PM	73	74	74	74	74	74	74	74	73	72	71	71	70	70	70	70	70	70	70	69	69	69	70	70	69	69	69	68	68	68		70.9
IRVINGTON	4	MAX	81	80	80	81	76	79	81	80	79	74	72	70	71	71	72	73	72	73	71	69	72	72	73	72	73	70	70	69	70	71		74.0
		MIN	75	75	74	76	75	75	76	73	69	65	63	63	63	64	66	68	70	68	66	67	67	67	70	69	62	61	62	63	60	62		67.8
	20	4PM	71	72	72	72	72	72	72	72	72	70	69	67	67	67	67	67	68	68	67	67	67	67	67	67	67	66	66	66	65	65		68.5
LEXINGTON CAMPUS FARM (BARE GROUND)	1	MAX	84	86	90	91	82	86	88	82	78	81	79	81	84	82	83	84	81	79	71	78	84	85	73	70	72	81	75	79	79	84		81.1
		MIN	72	71	69	71	71	69	70	70	60	56	57	57	58	61	64	63	66	62	60	63	60	63	68	61	59	53	59	55	54	56		62.7
	2	MAX	82	84	88	87	81	85	85	81	75	79	77	78	81	80	81	81	80	77	70	75	80	81	73	70	70	77	72	76	76	79		78.7
		MIN	73	71	70	72	72	69	71	71	62	64	59	59	59	62	65	64	67	63	62	64	63	65	69	63	61	56	61	56	57	59		64.2
	4	MAX	80	81	84	84	80	81	82	79	74	76	74	75	77	77	78	78	77	75	69	73	77	78	72	70	69	74	71	73	72	75		76.2
		MIN	74	72	71	73	73	71	72	72	65	63	62	62	62	64	66	66	66	64	64	65	64	66	70	65	62	58	63	61	59	61		65.9
	8	MAX	77	75	79	79	77	76	78	76	73	73	71	72	73	73	74	74	74	72	69	71	73	73	71	70	68	70	69	70	69	70		73.1
		MIN	75	74	73	75	75	72	73	73	69	66	66	65	66	67	68	68	69	63	67	67	67	68	70	68	65	63	65	64	63	64		68.4
(SOD)	1	MAX	79	80	83	81	79	80	80	78	72	74	72	74	75	74	75	75	75	72	68	72	74	75	71	70	69	71	69	69	69	71		74.2
		MIN	73	72	72	73	74	72	72	72	67	65	63	63	63	64	66	65	67	66	65	66	65	66	69	66	64	60	62	60	59	60		66.4
	2	MAX	78	80	81	81	79	80	80	77	73	74	72	73	74	73	74	74	74	72	66	72	73	74	71	70	69	71	69	69	69	70		73.8
		MIN	73	73	73	74	74	72	73	73	68	66	64	64	64	65	66	66	67	67	66	66	66	67	69	67	64	61	63	62	60	61		67.1
	4	MAX	77	79	80	79	75	78	78	76	73	73	71	72	72	72	73	73	74	72	66	71	72	73	71	70	69	69	68	68	68	69		72.9
		MIN	74	73	73	74	75	72	73	73	69	67	66	65	65	66	67	67	68	67	66	67	67	68	69	67	65	62	64	63	61	62		67.8
	8	MAX	76	76	77	77	76	76	77	75	74	71	70	70	70	71	71	71	72	71	69	70	70	71	70	70	69	68	68	67	67	68		71.6
		MIN	74	74	74	75	75	74	74	74	71	69	68	67	67	68	68	68	69	69	68	68	68	69	70	69	67	65	66	65	64	64		69.4
	20	7PM	74	74	74	74	74	74	74	74	72	71	70	70	70	70	70	70	70	70	70	69	69	69	69	69	69	68	68	67	67	67		70.5
	40	7PM	71	71	71	71	71	71	71	71	71	71	70	70	70	70	70	69	69	69	69	69	69	69	69	69	69	68	68	68	68	68		69.7
MAYFIELD [illegible]	4	MAX	82	81	80	81	80	83	81	80	80	79	78	78	79	76	77	76	76	76	75	76	76	77	75	75	74	74	-	74	72	70		77.3
		MIN	79	81	79	80	79	79	79	78	76	75	74	75	76	74	74	74	75	75	74	75	75	75	74	74	72	72	-	72	66	67		75.1

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (1")	Time	Day of month																															Average
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAYFIELD RADIO WNGO																																		
	20	5PM	80	76	76	77	75	79	80	78	76	76	75	74	74	74	76	74	74	74	74	75	74	75	74	73	73	72	-	72	71	71		74.9
PRINCETON 1 SE																																		
	4	MAX	80	80	80	80	79	80	81	80	77	75	73	72	73	73	73	74	73	74	73	73	73	74	72	72	72	70	71	70	69	69		74.6
		MIN	78	78	77	77	77	77	78	78	75	71	69	69	70	70	71	73	73	72	71	72	70	71	72	71	67	67	69	66	66	66		72.1
	20	5PM	74	75	74	75	74	74	75	74	74	74	72	71	71	71	71	71	71	71	71	71	71	71	71	70	70	70	70	69	69	69		71.8
QUICKSAND																																		
	4	MAX	83	82	83	83	83	81	82	79	76	75	73	73	74	74	74	74	76	74	71	71	72	73	72	70	70	79	71	70	70	69		75.2
		MIN	77	77	77	77	77	77	77	75	72	70	68	67	67	66	67	69	70	70	68	67	66	65	69	69	69	65	65	65	62	61		69.7
	20	4PM	76	76	76	77	77	76	77	76	75	74	73	72	71	65	71	71	71	71	71	70	70	70	70	70	70	69	69	69	68	62		71.8
SANDY HOOK 5 W																																		
	4	MAX	79	77	78	79	80	76	76	75	76	74	73	71	72	72	73	73	74	73	70	69	71	71	71	69	69	68	68	69	68	67		72.7
		MIN	75	74	75	75	76	74	74	74	71	67	66	66	66	68	68	68	70	70	67	66	66	67	69	68	65	65	66	64	62	65		68.9
	20	6PM	74	74	73	74	74	74	74	74	73	72	71	70	71	69	69	70	70	70	70	69	69	68	69	68	68	67	67	66	66	66		70.3
SOMERSET 2 N																																		
	1	MAX	82	82	81	81	79	81	80	80	79	81	73	74	75	74	75	75	75	73	73	73	75	75	73	70	71	72	71	71	70	70		75.5
		MIN	76	75	73	74	74	74	74	75	71	67	65	66	65	67	67	67	68	69	68	69	67	68	69	68	66	63	63	65	61	61		68.5
	4	MAX	80	80	80	79	77	80	79	79	78	80	74	73	72	72	73	74	74	72	72	72	74	74	72	70	70	70	70	70	68	69		74.2
		MIN	74	75	74	75	74	74	74	75	71	68	66	67	65	68	67	67	68	69	69	69	67	68	69	69	66	64	64	65	62	62		68.8
	20	6PM	76	76	76	76	76	76	76	76	76	75	73	74	73	73	73	72	72	72	72	72	72	72	71	71	71	71	70	70	70	69		73.1
WILLIAMSTOWN 3 NW																																		
	4	MAX	77	77	77	77	77	77	77	77	77	72	71	69	70	70	70	70	70	70	70	68	68	69	70	69	70	68	67	66	66	68		71.5
		MIN	74	75	75	75	75	75	75	75	72	68	67	66	66	67	70	68	70	69	67	67	67	67	69	69	66	64	65	63	63	65		69.1
	20	6PM	72	72	72	72	72	72	72	72	72	71	70	70	70	70	70	69	69	69	69	68	68	68	68	68	68	67	67	67	67	66		69.6

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		K	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			LEE S. HAMERSLEY
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		K	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		K	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				K	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		KGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	K	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		K	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		K	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	48	4P	7A		K	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA M. NEWKIRK
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				K	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
#COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		K HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			KY. CARDINAL DAIRY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				K	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		7A			OTHO KELLER
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	K H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER		37 48	84 43	870	4	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		K	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	79				K	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		K	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	813		7A			DENVER BAILEY
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	86		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6	6P		KG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	35	MI	6A		K H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	50	7	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	69		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	73		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		K H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				K	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				K	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	0	LEE	4	37 33	83 46	663	4P	7A		K H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	0	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				K	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	0	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NR	3929	02	LARUE	3	37 32	85 44	788	4	4P		K	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1155		5P			BEGIE BREEDING SR.
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4623	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		K HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		K	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		6A		K	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				K	HUBERT BORGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				K	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		K	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		K	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		K HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				K	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	K	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		K H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				K	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				K	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		K H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				K	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	926	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				K	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM M COX
MUNFORDVILLE	5684	02	HART	3	37 18	85 55	710		7A		K	GLENN S. WILSON
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN C. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				K	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		K	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				K	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		K H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	704	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	707	03	SCOTT	4	38 23	84 33	850				K	CLEM FIGHTMASTER
ST MARY	709	02	MARION	8	37 35	85 21	743				K	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	712	04	MAGOFFIN	5	37 45	83 05	859				K	STANLEY GARDNER
SALYERSVILLE 2 SE	713	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 W	716	04	ELLIOT	1	38 07	83 13	1105				G	WILLIAM ADKINS
SCOTTSVILLE 3 SSW	721	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	722	02	ALLEN	3	36 44	86 13	760		7A		K	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				K	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				K	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		K	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				K	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		K	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				K	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				K	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	K	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		K	CORPS OF ENGINEERS
NEW STATIONS												
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	630		7A			FISHTRAP DAM RSVR MGR
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	712		8A			GRAYSON RESERVOIR

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY

OCTOBER 1969

Volume 64 No. 10

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CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	No. of Days Max. 32° or Below	No. of Days Min. 32° or Below	No. of Days Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Snow, Sleet Max. Depth on Ground	Snow, Sleet Date	No. of Days .10 or More	No. of Days .50 or More	No. of Days 1.00 or More
* * * WESTERN 01																							
BARDWELL 4 E	71.3	45.8	58.6		89	3	24	28	247	0	0	5	0	4.52		1.89	11	.0	0		6	2	2
BEAVER DAM	71.5	45.0	58.3		85	13+	22	28	255	0	0	6	0	3.04		1.34	2	.0	0		4	2	1
FORDS FERRY DAM 50	68.9	48.2	58.6		86	3	31	28	252	0	0	1	0	2.91	.47	.98	12	.0	0		5	2	0
GILBERTSVILLE 1 SE	70.0	49.0	59.5		87	3	28	28	225	0	0	1	0	4.87		1.42	11	.0	0		6	3	2
GOLDEN POND 8 N	71.1M	46.3	58.7M		85	4	33	28+	241	0	0	0	0	3.23		.86	2	.0	0		6	2	0
GREENVILLE 2 W	71.8M	46.5M	59.2M	- .3	86	3	25	28	237	0	0	5	0	2.10	- .38	.78	11	.0	0		6	1	0
HENDERSON 7 SSW	69.9	47.9	58.9	- 1.1	87	4	29	28	240	0	0	5	0	4.15	1.35	1.10	2	.0	0		5	4	3
HICKMAN 1 E	72.6	46.9	59.8		90	3	27	28	220	1	0	3	0	3.39		1.01	11	.0	0		7	3	1
HOPKINSVILLE	71.6	45.2	58.4	- 1.6	88	1	30	29	250	0	0	4	0	3.51	1.09	1.00	2	.0	0		6	4	1
LOVELACEVILLE	71.4	46.6	59.0	- 1.7	90	3	26	28	234	1	0	4	0	4.46	1.33	1.95	11	.0	0		6	2	2
MADISONVILLE 1 SE	71.5	46.9	59.2		85	3+	26	28	230	0	0	5	0	2.63		1.14	2	.0	0		4	2	1
MAYFIELD RADIO WNGO	71.5	44.6	58.1		89	3	22	28	250	0	0	5	0	6.67		2.18	11	.0	0		7	6	2
MURRAY	69.1	47.1	58.1	- 2.8	84	5+	28	28	246	0	0	2	0	4.56	1.69	1.84	2	.0	0		7	3	1
OWENSBORO 2 W	71.4	47.1	59.3	- .1	88	4	28	28	228	0	0	4	0	2.52	.10	.70	2	.0	0		6	3	0
PADUCAH FAA AIRPORT	69.8	47.3	58.6		89	3	27	23	257	0	0	4	0	4.70		2.19	11	.0	0		5	3	2
PADUCAH	72.5	48.6	60.6		90	3	27	28	211	1	0	1	0	4.05	1.26	1.85	11	.0	0		6	2	1
PRINCETON 1 SE	71.9	47.4	59.7	- .3	88	3	28	28	228	0	0	5	0	3.85	1.25	1.21	2	.0	0		7	3	2
ROCHESTER LOCK 3	69.1	43.1	56.1		84	1	26	29+	303	0	0	8	0	2.45		1.03	2	.0	0		5	1	1
RUSSELLVILLE	70.2	43.8	57.0	- 2.1	85	1	26	28	278	0	0	7	0	2.75	.50	1.04	7	.0	0		6	2	1
DIVISION			58.7	- 1.3										3.70	1.09			.0					
* * * CENTRAL 02																							
ANCHORAGE	71.7	46.8	59.3	1.7	85	12+	27	28	232	0	0	5	0	1.89	- .67	.74	21	.0	0		4	2	0
BARDSTOWN NAZARETH COL	71.3	45.6	58.5		86	12	23	24	253	0	0	7	0	1.57		.68	7	.0	0		3	1	0
BARREN RIVER RESERVOIR	71.1	44.9	58.0		87	13	26	28	257	0	0	6	0	2.11		.64	2	.0	0		6	1	0
BOWLING GREEN FAA AP	70.0	46.4	58.2	- 1.8	86	12	29	28	252	0	0	5	0	2.96	.58	.87	7	.0	0		7	3	0
BRADFORDSVILLE	71.9	43.2	57.6		88	13	21	28+	268	0	0	7	0	2.30		.89	21	.0	0		4	2	0
CAMPBELLSVILLE 2 SSW																							
CECILIA	70.7	45.0	57.9	- .2	85	13	24	28	265	0	0	5	0	3.48	.94	.82	7	.0	0		6	4	0
CLERMONT 1 SSE	72.7	42.7	57.7		87	12+	20	24	267	0	0	8	0	1.49		.48	7	.0	0		3	0	0
GLASGOW WKAY	69.7	47.2	58.5		86	12	29	28+	244	0	0	5	0			.96	7	.0	0				0
GREENSBURG	71.7	42.0	56.9	- 1.2	87	13	26	28+	277	0	0	9	0	3.38	1.00	.99	25	.0	0		7	3	0
HODGENVILLE-LINCOLN NP	72.3	45.8	59.1		87	12	24	24	236	0	0	5	0	1.95		.70	21	.0	0		4	2	0
IRVINGTON	71.3	44.9	58.1	- 1.1	86	1	21	28	261	0	0	6	0	1.14	- 1.27	.52	1	.0	0		3	1	0
LEITCHFIELD 2 N	71.0	45.9	58.5	- 1.0	84	13+	24	28	252	0	0	5	0	2.50	- .15	.96	21	.0	0		6	1	0
LOUISVILLE	72.4	49.4	60.9		86	13+	33	24	196	0	0	0	0	1.96		.95	21	.0	0		5	1	0
LOUISVILLE WB AP R	68.4	46.1	57.3	- .6	86	13+	28	28	282	0	0	5	0	1.69	- .56	.55	20	.0	0		7	1	0
MAMMOTH CAVE PARK	71.5	45.5	58.5		86	12	26	28+	245	0	0	5	0	2.85		1.12	7	.0	0		4	3	1
NOLIN RIVER RESERVOIR	71.0	44.0	57.5		86	1	25	29+	263	0	0	6	0	2.40		.56	21	.0	0		7	3	0
ROUGH RIVER DAM	70.7	43.3	57.0		87	1	25	29+	282	0	0	8	0	1.81		.55	21	.0	0		7	2	0
SCOTTSVILLE 3 SSW	70.1	48.8	59.5		85	13	30	28	220	0	0	3	0	2.89		.85	7	.0	0		6	2	0
SUMMER SHADE	69.8	46.0	57.9		84	13+	25	28	260	0	0	5	0	2.39		.80	7	.0	0		7	2	0
WOLF CREEK DAM	71.7	42.5	57.1		86	13	28	28+	258	0	0	5	0	1.83		.54	7	.0	0		4	1	0
DIVISION			58.2	- .7										2.24	- .23			.0					
* * * BLUE GRASS 03																							
BEREA COLLEGE	70.7	47.9	59.3	.3	85	13+	28	28	224	0	0	5	0	1.98	- .19	.88	7	.0	0		3	2	0
CARROLLTON LOCK 1	69.9	45.4	57.7		85	13	26	28+	266	0	0	5	0	1.51	- .84	.39	21	.0	0		7	0	0
COVINGTON WB AIRPORT R	66.9	44.5	55.7	- .4	85	13+	27	28+	309	0	0	5	0	1.53	- .73	.45	20	.0	0		5	0	0
CYNTHIANA 2																							
DANVILLE	69.6	44.0	56.8		86	13	27	25+	286	0	0	8	0	1.92	- .22	.72	21	.0	0		6	1	0
DIX DAM	71.8M	46.4M	59.1M		86	14+	27	28	231	0	0	5	0	1.13		.44	21	.0	0		3	0	0
FALMOUTH 5 WNW	69.7	40.5	55.1		86	13	17	28+	318	0	0	6	0	1.45	- .78	.38	21	.0	0		6	0	0
FARMERS 1 WNW	70.5	42.4	56.5	- .5	87	13+	24	24+	287	0	0	8	0	1.80	- .46	.55	21	.0	0		5	1	0
FLEMINGSBURG 1 SW	68.9	45.0	57.0		85	13+	23	28	275	0	0	5	0	1.22		.58	21	.0	0		3	1	0
FRANKFORT LOCK 4	69.7	42.4	56.1	- 2.1	87	14+	25	29	306	0	0	8	0	1.35	- 1.02	.35	21	.0	0		5	0	0
LEXINGTON WB AIRPORT R	68.8	46.9	57.9	- .2	86	13	28	24+	274	0	0	4	0	1.53	- .75	.55	20	.0	0		3	2	0
MAYSVILLE SEWAGE PLANT	69.2	43.4	56.3	- .8	88	14	26	24	296	0	0	9	0	1.37	- .97	.58	21	.0	0		4	1	0
MOUNT STERLING	71.5	46.1	58.8		86	13	26	23	230	0	0	5	0	1.34	- .91	.54	21	.0	0		5	1	0
OWENTON 2 S																							
RICHMOND	69.1	44.5	56.8		86	14+	28	24+	285	0	0	6	0	2.07		.82	21	.0	0		5	1	0
SHELBYVILLE	68.3	42.5	55.4	- 3.2	85	14+	25	28+	321	0	0	8	0	1.59	- .90	.56	21	.0	0		5	1	0
WARSAW MARKLAND DAM	69.0M	41.5	55.3M	- 2.8	87	13	23	29	322	0	0	8	0	1.96	- .32	.70	21	.0	0		6	1	0
WAYNESBURG 7 NE	68.5	46.1	57.3		83	13+	27	24	259	0	0	5	0	2.29		.66	21	.0	0		5	2	0
WILLIAMSTOWN 3 NW	68.4	47.0	57.7	- .7	85	12	26	28+	267	0	0	4	0	1.34	- 1.03	.42	21	.0	0		4	0	0
DIVISION			57.0	- 1.4										1.61	- .68			.0					
* * * EASTERN 04																							
ASHLAND	69.3	40.9	55.1	- 3.7	89	14	25	30	322	0	0	9	0	2.16	.26	.62	25	.0	0		5	2	0
BARBOURVILLE	70.4	40.5	55.5		87	14	24	25+	302	0	0	8	0	2.16		.87	21	.0	0		5	1	0
BAXTER	68.9	40.7	54.8		84	14	24	25+	324	0	0	8	0	2.05		.71	8	.0	0		5	2	0
BLAINE	71.9	35.9	53.9		88	14	19	30+	349	0	0	12	0			.67	21	.0	0				0
CUMBERLAND	71.8	40.5	56.2		87	13	17	24	279	0	0	8	0	1.91		.73	21	.0	0		4	1	0

See Reference Notes Following Station Index

Continued

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
OEWEY OAM	67.5	40.8	54.2		86	14	22	24	339	0	0	8	0	1.40		.55	8	.0	0		4	1	0
GRAYSON 5 SE	69.8	37.5	53.7		88	14	19	25+	363	0	0	11	0	1.50		.48	8	.0	0		4	0	0
HEIOELBERG LOCK 14 R	72.7	42.6	57.7		87	14	21	24	247	0	0	7	0	1.79	- .24	.48	21	.0	0		6	0	0
HINOMAN 11 NNE	71.5	39.4	55.5		86	20+	20	25+	297	0	0	7	0	.84		.56	21	.0	0		3	1	0
HYOEN	70.5	39.8	55.2		87	14+	21	25	314	0	0	8	0	1.68		.65	21	.0	0		4	1	0
JACKSON	70.7	40.5	55.6		89	14	23	25+	303	0	0	9	0	1.54		.72	21	.0	0		3	1	0
LONOON FAA AP	67.6	41.2	54.4		85	13	24	24	333	0	0	8	0	1.24		.47	7	.0	0		4	0	0
MANCHESTER 4 SE	72.6	41.4	57.0		87	13	20	24	256	0	0	8	0	2.14		.93	21	.0	0		6	1	0
MC KEE	67.8	38.0	52.9		88	14	22	30+	380	0	0	10	0	2.31		.55	8	.0	0		8	1	0
MIOOLESBORO	67.8M	42.4M	55.1M		81	14+	25	24	303	0	0	8	0	2.03		.71	21	.0	0		4	2	0
MONTICELLO	71.8	45.6	58.7		88	13	25	28	231	0	0	4	0	1.87		.57	21	.0	0		4	1	0
MOUNT VERNON	71.4	44.4	57.9		86	12	24	28	239	0	0	5	0	1.91		.82	7	.0	0		5	2	0
PIKEVILLE	73.6	44.1M	58.9M		92	13	23	24	226	2	0	6	0	.68	- 1.41	.45	7	.0	0		2	0	0
SOMERSET 2 N	69.9	42.3	56.1		85	13	25	28+	278	0	0	7	0	2.41		1.00	7	.0	0		4	2	1
STEARNS	65.9	42.4	54.2		82	13	27	25+	329	0	0	8	0	1.94		.80	21	.0	0		5	1	0
TOMAHAWK 1 WSW	68.2	34.6	51.4		87	14	16	25+	418	0	0	12	0	1.72		.68	21	.0	0		4	1	0
VANCEBURG	70.9	40.8	55.9		85	4+	19	28	295	0	0	6	0	1.64	- .64	.71	2	.0	0		3	2	0
WEST LIBERTY	69.7	37.9	53.8		88	14	20	25+	355	0	0	11	0	1.97		.72	21	.0	0		4	2	0
WILLIAMSBURG 1 E	73.7	44.9	59.3	.2	87	13	25	24	206	0	0	6	0	1.70	- .65	.69	21	.0	0		4	1	0
OIVISION			55.5	- 2.8										1.76	- .52			.0					

EXTREMES

HIGHEST TEMPERATURE PIKEVILLE	92	OATE	13
LOWEST TEMPERATURE TOMAHAWK 1 WSW	16	OATE	25+
GREATEST TOTAL PRECIPITATION MAYFIELO RAOIO WNGO	6.67		
LEAST TOTAL PRECIPITATION PIKEVILLE	.68		
GREATEST 1 OAY PRECIPITATION PAOUCAH FAA AIRPORT	2.19	OATE	11

See Reference Notes Following Station Index

DAILY PRECIPITATION

KENTUCKY
OCTOBER 1969

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • • WESTERN 01																																
BARDWELL 4 E	4.52	.39	.30				T	.37			.05	1.89	.01	.29	.01						.04				T						T	1.17
BEAVER DAM	3.04	.04	1.34					.29				.37			.05							.87										.08
CALHOUN LOCK 2	2.19		.73	.10				.12	.05			T	.76		.19							.24				T						
COBB	3.21		.87					.40					1.26		.26							.42										
DAWSON SPRINGS	2.10		1.30					T					.50		.30																	
DUNDEE 4 ESE	2.80		1.15					.25				.05	.25		.12							.98										
DUNMOR	2.67		1.12					.49				.05	.28		.21							.36				.16						
ELKTON 2 S	2.80		.62	.02				.62	.04				.27		.15							.98				.10						
FORDS FERRY DAM 50	2.91		.77					.08				.38	.98		.35							.29				T						.06
FRANKLIN 1 E	2.24		.73	.05				.47	.37						.19							.21				.22						
GILBERTSVILLE 1 SE	4.87	.27	1.36				T	.07			T	1.42		.44							.46										T	.85
GOLDEN POND 8 N	3.23		.86					.36				.71	.47		.35							.48										
GREENVILLE 2 W	2.10	.10	.41					.37			.14	.78		.02	.24							.02				.02						
HARTFORD 6 NW	2.49		.96	T								.26	.56	T	.19							.51			T	.01						T
HENDERSON 7 SSW	4.15	.05	1.10					.07			.08	1.04		.25					T		.53											1.03
HICKMAN 1 E	3.39	.27	.12				T	.55			T	1.01	T	.45							T	.14				T					T	.85
HOPKINSVILLE	3.51		1.00					.59					.56		.34							.90				.10	.02					
LOVELACEVILLE	4.46	.42	.35					.42			.05	1.95		.23																		1.04
MADISONVILLE 1 SE	2.63		1.14					.20				.04	.97		.20							.05				.03						
MAYFIELD RADIO WNGO	6.67	.73	.61				T	.73				2.18		.27								.55										1.60
MURRAY	4.56		1.84					.39				.20	.84		.13							.72				.02						.42
OWENSBORO 2 W	2.52		.70				T	.20				.50	.42		.15							.55										
OWENSBORO DAM 46	2.52		.29	.50				.07	.11			T	.85		.12							.58										
PADUCAH FAA AIRPORT	4.70	.55	.04			T	.03	.34			.07	2.19		.26							T				T						T	1.22
PADUCAH	4.05	.34	.43					.31				1.85		.23																		.89
PARADISE STEAM PLANT R	2.68		.90	.14				.30	.34			T	.71		.18							.09				.02						
PRINCETON 1 SE	3.85	.13	1.21				.03	.19				.77		.08	.13						T	.11										1.20
ROCHESTER LOCK 3	2.45		1.03	.05				.44	.14				.49		.22											.08						
RUSSELLVILLE	2.75		.71					1.04	.05				.46		.11							.27				.11						
SEBREE	-		1.03					.09				*	1.18		.62							-										
UNIONTOWN DAM 49 //	2.42		.56					.29	T			.20	.57	.10	.15							.55										T
• • • CENTRAL 02																																
ADDISON DAM 45 //	2.30		.55	.20				.05	.15			.12	.50		.18							.55										
ALBANY 4 N	2.32		.05	T				.51	.51						.07							.77				.41						
ANCHORAGE	1.89		.60				T	.35			T	.12	T		.08							.74										T
BARDSTOWN NAZARETH COL	1.57	T	.36					.68			.01	T										.44				.08						
BARREN RIVER RESERVOIR	2.11		.64	.16				.30	.40				.04		.07							.27				.21	.02					
BOWLING GREEN	2.43		.65	.07				.10	.90				.25		.07							.35				.04						
BOWLING GREEN FAA AP	2.96	.50	.13				.09	.87				.15		.07	T						.37				.05	.16						.57
BRADFORDSVILLE	2.30		.32					.69					.03		.09							.89				.28						
BROWNSVILLE	2.86		.66	.01				.65	.30				.25		.09	T						.65				.25	T					
BURKESVILLE 2 W	1.88		.11					.50	.23				T									.60				.44						
CAMPBELLSVILLE 2 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANEYVILLE	2.40		.63	.12				.47	.27				.28		.14							.40				.09						
CECILIA	3.48	.04	.38				.34	.82				.79		T							.02	.50				.57						.02
CLERMONT 1 SSE	1.49	T	.36				.01	.48				.03			.07							.47				.04						.03
EDMONTON	2.24		.30	.25				.35	.25				.10									.62				.32			.05			
GAMALIEL 1 S	1.86		.23	.05	T			.35	.28				.11		.08	T						.41				.32	.03					
GLASGOW	2.59		.70	.05				.70	.16				.06		.15							.55				.22						
GLASGOW WKAY	-	.13	.63					.96				T			.14							-				.23						
GLENDALE 1 E	2.21		.48	.15				.33	.30			T	.09		.10							.65				.11						
GREENSBURG	3.38		.29	.20				.60	.30				T		.20							.80				.99						
GREENSBURG HIWAY 61	2.48		.30	.11				.56	.25				.05		.22							.79				.20						
HODGENVILLE-LINCOLN NP	1.95	T	.30				T	.65			T	.06			.08							.70				.16						T
IRVINGTON	1.14	.52					.01	.31				.23			.07																	T
LEITCHFIELD 2 N	2.50		.42	.13				.31	.37				.15		.08							.96				.08	T					
LIBERTY	2.66		.06	.06				.46	.50				.11		.06							.53				.82	.06					
LOUISVILLE	1.96		.43				T	.21				.15	.01		.13					T		.95				T						.08
LOUISVILLE WB AP R	1.69	.27	.14				.02	.22			T	.15		.12	T		T				.55				T	T	T					.22
LOUISVILLE UPPER GAGE	1.65		.22	.13				.05	.24				.23		T	.04						.74				T						
MAMMOTH CAVE PARK	2.85		.50				T	1.12				.08			.07							.85				.23						T
MILLERSTOWN	2.30		.47	.03				.50	.05				.15		.10							.80				.20						
MUNFORDVILLE	2.90		.37	T				.96	T						.10							.62				.85						
NOLIN RIVER RESERVOIR	2.40		.53	.07				.51	.27				.11		.10	.01						.56				.24						
ROUGH RIVER DAM	1.81		.53	.12				.12	.12				.24		.13							.55				T						
SCOTTSVILLE 3 SSW	2.89	.35	.69					.85				.16										.44				.40						
SCOTTSVILLE 2 SW	2.38		.75	.08				.55	.15				.10		.15							.35				.25						
SHEPHERDSVILLE	1.15		.32	T				.22	T						T							.60			.01							
SUMMER SHADE	2.39	.14	.27				T	.80				.10			.10							.58				.40						
WOLF CREEK DAM	1.83		.06	.02				.54	.28				.05		.04							.45				.39						
WOODBURY LOCK 4	2.23		.71	.11				.59	.05				.21		.12							.27				.17						
• • • BLUE GRASS 03																																
BEREA COLLEGE	1.98	T	.03					.88				.01			.06		.02					.61				.37						
BEREA	2.09		.04	T				.36	.52				.01		.07	.01	.04					.70				.26	.08					
CARROLLTON LOCK 1	1.51		.21	.28				.13	.20			T	.20		.10					T		.39										
COVINGTON WB AIRPORT R	1.53	.15	.32				.01	.17			.02	.25	.09	.06					T		.45					T	T					.01
CYNTHIANA	1.68		.18	.02				.08	.43				.14		.09							.74				T		T				
CYNTHIANA 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DANVILLE	1.92		.11	.04			.11	.16	.47				.04		.05							.72				.21	.01					
DIX DAM	1.13		.07	.02				.22	.27				.06		.05							.44										
FALMOUTH 5 WNW	1.45		.17	.04				.12	.31			.19	.21		.03							.38										
FARMERS 1 WNW	1.80		.38	T				.25	.26						.26	T						.55				.07	.03					
FLEMINGSBURG	1.14		.23	T				.15	.25				.04		.02							.45						T				
FLEMINGSBURG 1 SW	1.22		.20					.35				.02			.05							.58						.02				
FORD LOCK 10	1.56		.14	T				.22	.34				.12									.56				.12	.06					
FRANKFORT LOCK 4	1.35		.18	.13				.24	.28				.05		.07	T						.35				.05	T	T				
GEORGETOWN WATER WORKS	1.37		.12	.06				.12	.36						.21							.46					.04					
GEST LOCK 3	1.86		.13	.18				.09	.27			T	.22		T							.97				T						
HIGH BRIDGE LOCK 7	1.51		.08	.02				.15	.37				.09		.05	T						.57				.16	.02					
KEENE 1 SSW	1.06			.03				*	.51				.08									.34				.10						
LA GRANGE 1 ESE	2.22		.53				T	.30			.01	.18	T		.05		T				T	1.15										T
LANCASTER	1.82		.15	.12				.36	.47						.17							.55										
LEXINGTON WB AIRPORT R	1.53	.08	.04				T	.50				.15		.04	.06						.55					.05						.06
LITTLE HICKMAN LOCK 8	1.72		.09	T				.21	.42				.13									.63				.24						
LOCKPORT LOCK 2	1.94		.21	.24				.06	.23				.22		.02							.96										
MAYSVILLE SEWAGE PLANT	1.37		.14	.09				.09	.29				.10		.08					T		.58							T			
MIDWAY	1.93		.19	.08				.15	.35				T		.16							.97				.03						
MOUNT STERLING	1.34	.13	T				.03	.40				.10			.04	T	T					.54				.10						
OWENTON 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHMOND	2.07		.10	.05				.40	.33				.09		.05							.82				.22	.01					
SALVISA LOCK 6	1.39		.16	.12				.19	.33				.04		T						.10	.35				.08	.02					
SHELBYVILLE	1.59		.26	.20				.06	.31			T	.10		.08	T						.56				.02	T	T				
SPRINGFIELD	1.60		T	.49				.30	.25													.56										
TAYLORSVILLE	1.67		.19	.20				.25	.28				T		.12	T						.55				.08						
TYRONE LOCK 5	1.60		.17	.11				.19	.40				.11		.12							.43				.05	.02					
VALLEY VIEW LOCK 9	1.68		.11	.03				.19	.37				.16		.02	T						.60				.16	.04					
WARSAW MARKLAND DAM	1.96		.25	.30					.22				.38		.11							.70										
WAYNESBURG 7 NE	2.29		.09	T				.60	.47						.10							.66				T	.37					

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WILLIAMSTOWN 3 NW	1.34		.29		.01			.38			.04	.17			.02					T		.42			.01							
* * *																																
EASTERN 04																																
ASHLAND	2.16		.36	.02				.12	.39						.04		.02					.59				.62						
BARBOURVILLE	2.16		.05	.03				.03	.49								.17					.87				.37	.20					
BAXTER	2.05		.16	T					.71				T		T		T					.60				.20	.38					
BLAINE	-		.25					.13	-						.10		.09					.67				.05						
BUCKHORN	1.10		.05	T				T	.21						T	T	.07					.47				T	.30		T			
BURDINE 2 NE	1.81		.75						.36						T							.65				.05						
CLAY CITY 1 WNW	1.72		.05	.05				.25	.35						.10							.80				.05	.07					
COLLEGE HILL LOCK 11	1.76		.09	T				.32	.41				.06		.03							.68				.14	.03					
CUMBERLAND	1.91	.02	.33					.27				T			.07	T	T				T	.73				.49		T				
CUMBERLAND FALLS ST PK	1.65	.05	.01					.43							.08	.09					.35	.20				.42		.02				
DEWEY DAM	1.40		.10					.03	.55			T			.03	.13						.43				T	.08		.05			
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FISHTRAP RESERVOIR	.97		.20						.43						T							.29				T	.05					
FREEBURN 2 SW	1.15		.19						.42						.01	.02						.47				.01	T		.03			
FRENCHBURG	1.64		.05				T	.35	.44								.08					.72				T						
GRAYSON 5 SE	1.50		.30	.02				.15	.48	T			.02		.05	.02	.05					.38					.03					
GRAYSON RESERVOIR	1.89		.64					.20	.37						.05							.57				.05	.01					
HAZARD WATER WORKS	1.68		.04						.40								.07					.80					.37					
HEIDELBERG LOCK 14 R	1.79		.07	T				.35	.33				T		.17	T	.07					.48				.18	.14					
HINDMAN 11 NNE	.84		.10					.06														.56					.12					
HYDEN	1.68		.08	T				.01	.42						.02	.02	.02					.65				.16	.29		.01			
JACKSON	1.54		.05					.05	.36						.05	.04	.04					.72				.15	.08					
JEREMIAH	1.59		.14		T			.47					T		.03	T					.32	.41				.20	.02					
LLOYD GREENUP DAM	1.64		.90	T				T	.29				T		T		T					.45										
LONDON FAA AP	1.24	.06	.01				T	.47				T			.03	.10					.21					.36		T				T
LOUISA 2	1.74		.36	.02				.06	.41						.04	.03	.03					.79				T	T					
MANCHESTER 4 SE	2.14		.13					.11	.22								T					.93				.49	.26					
MARTIN	1.70		.16	.25				T	.53						T	.16						.60										
MC KEE	2.31		.10	.04				.42	.55						.12	.04	.14					.48				.28	.14					
MIDDLESBORO	2.03		.21						.59						.03	T	T					.71					.49					
MONTICELLO	1.87		.03					.37	.44						.05							.57				.40	.01					
MOUNT VERNON	1.91	.03	.11					.82							.12						T	.55				.28						
ONEIDA	1.50		.11					.06	.35						.05		.10					.48				.35						
PAINTSVILLE 1 S	1.67		.32					.03	.47						.18		.02					.62				.03			T			
PIKEVILLE	.68	.08	.10					.45							T						T					.03	T	.02				
PINEVILLE 4 NW	1.96		.06						.53						.05							.80				.42	.10					
RAVENNA LOCK 12	2.05		.02	.03				.56	.37				.02		.05		T					.68				.25	.07					
SALYERSVILLE 2 SE	1.32		.20					.04	.28						.14							.66										
SOMERSET 2 N	2.41	.06	.06					1.00	.09			.04			.12	.03	.02	.01			.02	.60				.29	.06	.01				
STEARNS	1.94		.05					.15	.31						.08						.10	.80				.45	T					
TILFORD	1.98	T	.30			T	.37							T	.07					T	.09	.64				.51						T
TOMAHAWK 1 WSW	1.72		.19					.05	.49				T		.13	.05	.08					.68				.05	T					
VANCEBURG	1.64		.71	.01	T			.24				.02	T							T	.01	.62					T	.03				
WEST LIBERTY	1.97		.27	T				.30	.56				T		.08	T	.03					.72				.01	T		T			
WILLIAMSBURG 1 E	1.70		.04					.02	.33								.05					.69				.45	.12					
WILLOW LOCK 13	1.90		.04					.43	.30				T		.10		.08					.66				.18	.11					

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time EASTERN 01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	22	2.2	8.8	25++	32	13	72	78	54	63	3	5	5	0	0	0	13	-	5.8
LEXINGTON WB AIRPORT	18	2.5	8.8	21++	18	10	70	76	47	56	1	6	1	2	0	0	10	-	5.5
LOUISVILLE WB AIRPORT	18	1.1	7.4	34	NW	20	75	83	53	61	6	1	6	1	0	0	14	60	5.8

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	81	77	89	88	83	77	74	80	80	83	78	85	74	55	63	67	62	61	77	83	72	65	55	61	66	72	63	54	62	63	60	71.3
	MIN	53	56	57	56	55	64	51	41	43	54	65	67	49	43	32	46	36	30	37	51	38	47	32	33	51	40	39	24	28	51	50	45.6
BEAVER DAM	MAX	84	75	82	83	83	79	72	78	79	83	79	85	85	61	64	62	58	65	78	80	79	68	54	60	60	69	65	55	63	66	63	71.5
	MIN	54	57	56	58	52	61	52	40	44	52	65	62	59	42	30	47	35	26	40	57	38	44	29	26	46	40	39	22	29	45	47	45.0
FORDS FERRY DAM 50	MAX	71	75	86	84	83	76	74	78	79	80	76	84	77	53	62	59	55	63	76	79	68	59	59	58	63	69	52	53	61	64	59	68.9
	MIN	59	61	62	63	54	65	54	48	48	59	67	69	46	41	38	40	37	35	44	59	43	44	35	33	48	41	34	31	35	51	50	48.2
GILBERTSVILLE 1 SE	MAX	76	77	87	85	81	74	74	80	79	82	76	84	80	54	64	59	56	64	78	80	72	61	53	59	63	69	64	54	60	65	61	70.0
	MIN	58	60	62	62	59	63	54	45	48	59	66	67	50	44	37	48	37	33	42	61	42	47	35	36	51	45	40	28	38	52	50	49.0
GOLDEN POND 8 N	MAX	83	78	77	85	81			79	70	80	84	74	81				64	58	70				68	52	61	65	68	64	59	67	68	71.1
	MIN	48	48	58	55	58	59	58	48	48	49	63	66	67	43	40	40	39	36	37	44	46	46	34	33	35	41	41	33	34	35	52	46.3
GREENVILLE 2 W	MAX	81	77	86	83	83	78	74	78	79	81	78	84	84	56	65	65	57	66	77	80	78	69	52	62	63	69	62	55	65	67		71.8
	MIN	56	59	56	60	53	62	54	44	48	60	66	63	55	43	35	45	37	28	39	60	40	46	30	27	48	40	40	25	31	46		46.5
HENDERSON 7 SSW	MAX	77	79	86	87	84	78	76	81	80	79	75	83	76	54	64	61	56	60	78	78	70	62	51	58	62	70	65	54	61	66	57	69.9
	MIN	58	60	60	63	57	65	53	48	49	55	66	65	50	43	35	49	35	32	44	59	41	46	31	31	45	45	43	29	31	48	49	47.9
HICKMAN 1 E	MAX	81	79	90	88	83	77	76	81	81	82	81	86	80	56	67	59	57	69	80	84	62	68	56	64	69	73	61	56	61	63	62	72.6
	MIN	56	56	60	58	56	63	52	43	45	59	65	66	51	43	33	47	39	31	38	53	42	46	34	34	52	43	40	27	30	44	49	46.9
HOPKINSVILLE	MAX	88	66	79	86	87	84	66	77	77	79	81	76	86	84	51	63	61	61	68	80	84	73	63	55	62	66	71	57	59	65	66	71.6
	MIN	49	49	60	61	58	58	55	45	45	48	62	65	65	44	36	36	38	33	34	43	46	45	34	32	32	44	42	31	30	35	47	45.2
LOVELACEVILLE	MAX	78	77	90	88	80	77	76	81	82	82	76	86	77	57	66	58	58	68	78	82	74	60	55	63	61	73	65	56	61	64	64	71.4
	MIN	54	58	60	60	58	65	52	41	44	52	65	67	50	43	35	47	35	31	39	52	39	44	33	32	51	40	40	26	31	51	50	46.6
MADISONVILLE 1 SE	MAX	85	77	85	84	82	79	74	78	79	81	79	84	82	54	65	64	57	66	78	79	78	67	54	60	63	71	64	55	64	67	62	71.5
	MIN	56	60	58	59	55	61	53	45	47	55	66	64	53	43	34	48	38	31	40	57	42	47	32	29	49	41	40	26	28	47	51	46.9
MAYFIELD RADIO WNGO	MAX	82	78	89	87	82	73	72	79	79	80	79	84	83	57	63	62	63	67	81	80	78	68	60	59	66	70	57	58	62	62	57	71.5
	MIN	52	56	58	55	50	60	51	39	41	56	63	63	49	42	31	45	34	38	41	50	39	45	30	27	51	36	37	22	25	48	48	44.6
MURRAY	MAX	82	66	75	84	84	80	71	71	76	78	81	76	83	77	51	63	60	56	65	76	80	68	58	52	60	64	70	52	55	63	66	69.1
	MIN	49	60	61	62	56	61	54	46	49	55	58	57	66	44	37	41	39	34	41	49	46	47	35	33	40	43	41	28	32	44	51	47.1
OWENSBORO 2 W	MAX	77	79	87	88	85	73	76	80	81	81	77	85	81	56	67	60	57	65	79	79	70	68	53	60	66	71	60	56	66	69	62	71.4
	MIN	57	58	59	62	57	63	52	43	45	53	65	65	53	43	36	48	35	29	42	54	40	45	32	32	49	41	39	28	36	47	52	47.1
PADUCAH FAA AIRPORT	MAX	70	76	89	88	82	76	75	80	80	82	76	85	74	57	63	57	57	68	76	81	70	58	53	60	67	71	53	56	61	63	60	69.8
	MIN	56	58	60	62	58	65	54	46	47	62	64	70	46	39	35	43	35	34	43	56	42	42	27	32	48	43	32	32	34	50	50	47.3
PADUCAH	MAX	85	76	90	88	83	81	75	80	80	84	82	85	84	55	64	64	57	65	77	82	79	67	57	61	67	71	68	56	61	63	60	72.5
	MIN	58	58	61	63	58	65	53	45	47	58	65	68	52	44	38	48	39	34	43	59	41	47	35	36	52	43	40	27	35	46	50	48.6
PRINCETON 1 SE	MAX	83	77	88	87	84	81	74	79	79	81	81	84	83	53	65	64	57	67	77	81	80	68	53	60	63	72	64	55	63	65	62	71.9
	MIN	58	59	62	61	55	61	53	43	47	56	66	65	53	43	33	48	36	30	42	59	42	48	32	29	50	40	38	28	30	52	50	47.4
ROCHESTER LOCK 3	MAX	84	67	75	83	82	81	70	71	72	78	81	74	83	83	50	64	59	56	65	78	80	70	58	52	60	60	68	52	55	63	67	69.1
	MIN	48	55	56	59	52	52	56	43	43	45	65	66	65	43	33	33	41	29	30	39	41	41	31	27	29	42	42	26	26	29	48	43.1
RUSSELLVILLE	MAX	85	67	76	82	84	81	70	73	77	78	82	75	83	84	56	60	61	58	66	78	81	70	61	53	62	63	67	54	58	65	66	70.2
	MIN	49	56	60	61	46	47	50	44	45	47	63	70	65	44	34	34	45	29	29	39	45	45	31	31	31	40	43	26	28	35	47	43.8
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	85	76	82	82	82	79	73	78	79	82	81	85	84	81	65	63	60	64	78	77	76	68	54	58	59	62	62	51	62	68	67	71.7
	MIN	57	60	55	57	52	62	52	46	46	57	66	66	63	44	37	51	35	29	45	58	42	45	28	28	47	40	41	27	32	38	46	46.8
BARDSTOWN NAZARETH COL	MAX	84	73	82	83	82	78	71	76	78	81	80	86	85	82	62	62	59	66	77	82	77	68	54	59	60	60	59	52	60	65	67	71.3
	MIN	56	59	59	52	47	62	53	48	48	59	62	66	62	44	32	49	37	29	41	56	43	44	27	23	45	39	43	28	27	31	42	45.6
BARREN RIVER RESERVOIR	MAX	83	70	74	84	83	85	75	72	79	80	83	75	67	85	52	58	62	59	67	81	80	71	61	50	64	60	82	57	55	63	66	71.1
	MIN	48	56	59	60	57	58	63	44	44	52	53	64	64	45	39	39	40	30	30	43	45	43	33	31	31	42	42	26	27	35	48	44.9
BOWLING GREEN FAA AP	MAX	70	77	83	83	85	73	74	79	79	81	76	86	84	51	60	63	59	67	79	82	71	62	52	64	61	62	55	55	63	66	68	70.0
	MIN	57	60	56	59	55	62	51	43	46	58	66	60	48	41	38	46	35	30	41	57	48	41	32	30	43	43	39	29	30	45	48	46.4
BRADFORDSVILLE	MAX	85	80	78	85	84	85	73	73	77	80	83	78	88	86	57	60	64	60	76	80	80	70	59	53	65	57	64	55	59	65	69	71.9
	MIN	52	56	52	49	45	57	58	41	40	53	66	62	58	46	31	53	36	24	35	51	47	38	30	21	43	44	43	21	23	29	34	43.2
CAMPBELLSVILLE 2 SSW	MAX																																
	MIN																																
CECILIA	MAX	84	74	82	82	83	78	72	77	78	81	77	84	85	79	61	60	57	65	77	78	75	67	55	58	60	63	56	53	62	65	65	70.7
	MIN	54	60	55	56	51	62	54	41	43	56	67	63	63	43	37	50	36	25	40	50	40	44	28	25	40	39	42	24	28	35	44	45.0
CLERMONT 1 SSE	MAX	87	72	82	84	84	82	72	78	79	82	81	87	86	83	64	63	60	65	79	80	79	70	58	61	60	64	62	54	63	67	65	72.7
	MIN	53	57	56	52	47	59	52	42	42	51	66	59	62	43	31	50	32	24	36	54	39	38	25	20	42	37	42	21	24	30	39	42.7
GLASGOW WKAY	MAX	79	73	81	81	80	75	70	76	78	80	76	86	84	78	56	60	56	66	78	79	73	60	54	62	56	63	55	54	62	63	68	69.7
	MIN	55	59	57	60	53	60	56	44	44	57	67	63	63	45	37	52	40	30	39	56	46	47	31	29	44	41	44	29	32	39	45	47.2
GREENSBURG	MAX	85	75	71	84	85	85	72	70	78	81	83	76	87	86	53	60	64	69	69	80	81	71	61	52	65	57	70	65	56	65	68	71.7
	MIN	47	56	55	54	49	50	58	47	43	43	58	61	59	48	34	38	41	29	29	40	45	41	32	26	26	43	32	26	27	29	36	42.0
HODGENVILLE-LINCOLN NP	MAX	85	70	80	82	83	82	70	77	78	81	82	87	86	84	59	63	62	69	79	80	79	70	58	60	59	63	64	53	62	66	68	72.3
	MIN	56	58	57	57	51	60	55	43	45	56	63	65	63	45	35	50	35	27	41	58	43	43	31	24	45	40	43	25	29	36	41	45.8
IRVINGTON	MAX	86	74	81	85	83	83	73	77	78	81	82	84	85	69	60	61	57	62	77	78	78	68	56	59	59	67	66	52	60	65	65	71.3
	MIN	53	60	56	57	52	60	53	40	42	54	62	61	60	44	32	49	34	25	38	59	38	45	28	26	47	39	41	21	29	38	49	44.9
LEITCHFIELD 2 N	MAX	82	75	82	81	84	82	71	78	78	80	77	84	84	81	63	64	54	63	78	80	76	65	50	60	58	68	56	53	63	65	66	71.0
	MIN	54	59	55	57	51	63	62	42	43	54	68	60	62	45	33	50	36	27	39	57	44	46	31	26	46	38	42	24	27	40	42	45.9
LOUISVILLE	MAX	83	78	82	84	84	81	71	75	78	81	81	86	86	83	65	66	61	64	77	79	78	70	56	57	61	64	65	55	61	68	65	72.4
	MIN	57	62	58	60	55	64	55	46	50	57	66	67	65	45	40	42	40	35	46	61	48	47	34	33	48	44	43	35	36	44	48	49.4
LOUISVILLE WB AP	MAX	79	73	81	81	80	71	71	76	77	82	74	86	86	54	65	62	56	62	78	78	68	57	49	58	60	63	56	52	60	65	59	68.4
	MIN	58	61	58	58	53	63	52	45	45	55	68	67	50	39	35	47	35	30	42	60	43	39	31	29	48	40	37	28	31	37	44	46.1
MAMMOTH CAVE PARK	MAX	83	71	81	81	82	80	70	77	79	80	78	86	84	80	59	61	61	66	78	82	80	68	58	62	60	63	58	54	62	65	68	71.5
	MIN	55	49	52	57	55	59	55	41	44	54	67	66	65	44	35	48	38	27	38	46	42	56	28	26	45	36	38	26	31	40	46	45.5

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
NOLIN RIVER RESERVOIR	MAX	86	71	75	82	83	82	72	74	78	79	83	74	85	84	65	61	64	59	67	79	82	72	59	60	63	59	65	55	54	63	67	71.0
	MIN	46	55	59	59	56	58	63	41	44	44	60	55	65	46	38	40	39	30	31	39	42	42	34	31	32	41	44	25	25	35	45	44.0
ROUGH RIVER DAM	MAX	87	73	75	84	85	83	73	74	79	80	82	75	85	84	54	65	60	57	66	78	78	71	59	50	63	61	69	54	55	65	68	70.7
	MIN	52	58	57	58	54	54	54	42	42	49	62	63	64	43	34	36	32	30	31	45	40	40	31	29	30	43	40	25	25	34	44	43.3
SCOTTSVILLE 3 SSW	MAX	76	72	79	80	80	74	70	75	78	80	78	84	85	78	57	62	58	68	79	80	74	64	52	63	63	58	55	54	62	65	69	70.1
	MIN	59	58	58	61	57	59	56	54	46	58	67	63	64	44	38	50	39	36	44	59	47	46	31	31	46	44	39	30	34	45	49	48.8
SUMMER SHADE	MAX	80	69	80	83	82	80	77	75	78	81	75	84	84	68	58	62	56	65	77	78	70	60	51	63	58	64	54	54	63	66	69	69.8
	MIN	55	59	55	57	54	58	54	45	45	58	66	62	63	45	37	53	33	30	40	57	43	38	31	28	46	44	38	25	32	35	41	46.0
WOLF CREEK DAM	MAX	82	72	70	84	85	85	79	78	78	80	81	80	86	85	54	62	67	60	70	80	79	72	62	54	66	54	71	57	58	65	68	71.7
	MIN	46	54	50	50	48	52	54	52	44	46	54	54	53	47	37	45	41	30	33	39	48	37	34	28	30	38	47	28	30	34	35	42.5
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	80	72	82	81	83	80	75	75	77	81	76	85	85	82	63	67	63	64	77	77	75	65	51	62	59	62	56	52	60	65	61	70.7
	MIN	62	59	55	53	53	59	59	48	49	57	66	66	63	47	36	53	40	30	44	60	50	46	29	29	44	45	45	28	32	38	41	47.9
CARROLLTON LOCK 1	MAX	83	78	79	79	78	78	71	75	76	81	79	84	85	70	63	63	59	61	76	76	76	65	57	57	57	63	61	51	58	64	64	69.9
	MIN	53	58	55	53	53	60	53	45	40	53	65	65	62	46	33	53	35	29	46	52	46	45	26	26	44	41	42	26	28	36	38	45.4
COVINGTON WB AIRPORT	MAX	84	66	78	77	77	71	70	74	78	81	73	85	85	54	65	58	52	57	77	76	66	57	45	55	62	63	54	48	58	64	64	66.9
	MIN	57	59	54	54	48	60	53	47	43	56	65	66	49	40	35	44	32	28	50	55	42	34	27	28	40	42	35	27	33	36	41	44.5
CYNTHIANA 2	MAX																																
	MIN																																
DANVILLE	MAX	85	78	68	82	84	78	78	68	77	78	82	75	86	85	53	60	64	57	66	79	78	70	59	50	62	55	63	55	55	62	65	69.6
	MIN	52	58	55	53	50	58	60	46	46	47	57	64	63	46	36	36	42	30	30	45	48	47	30	27	27	45	45	28	28	28	36	44.0
DIX DAM	MAX	84	79	81	82	81	81	78	75	77	80		85	86	86	60	63	63	66	78	79	79	68	55	59	61	62	60	52	61	64	69	71.8
	MIN	56	60	56	54	52	60	60	45	46	53		65	61	45	37	54	38	30	45	58	46	46	29	28	45	46	44	27	31	36	39	46.4
FALMOUTH 5 WNW	MAX	82	71	80	80	81	79	72	75	78	81	76	85	86	79	65	61	57	61	78	77	72	60	48	58	59	65	55	51	58	64	68	69.7
	MIN	47	58	50	44	51	52	53	37	35	45	63	62	54	45	26	54	33	23	43	44	44	40	19	17	33	38	36	17	21	35	37	40.5
FARMERS 1 WNW	MAX	81	82	80	80	82	77	73	75	74	82	78	87	87	74	65	66	62	65	78	80	74	56	51	63	53	58	53	55	60	65	71	70.5
	MIN	54	52	57	51	50	52	52	46	39	47	58	62	54	48	32	52	40	25	38	44	40	39	24	24	38	47	37	27	26	27	31	42.4
FLEMINGSBURG 1 SW	MAX	83	73	79	78	79	76	70	75	77	81	75	85	85	82	65	65	57	62	76	78	65	60	47	59	53	58	56	50	58	62	68	68.9
	MIN	53	58	59	51	47	56	58	42	42	51	62	65	58	48	34	53	38	26	41	55	45	44	25	27	40	49	41	23	30	36	37	45.0
FRANKFORT LOCK 4	MAX	87	82	69	82	83	84	74	71	77	79	82	75	85	87	57	62	63	57	63	79	78	69	57	50	62	55	58	55	54	60	65	69.7
	MIN	47	55	56	52	53	55	62	47	43	45	53	63	58	47	35	39	39	28	29	40	44	43	29	26	26	44	44	26	25	28	34	42.4
LEXINGTON WB AIRPORT	MAX	83	68	82	83	83	78	68	75	77	82	75	85	86	55	63	64	56	63	78	78	69	57	49	58	55	60	53	53	61	65	70	68.8
	MIN	60	60	56	57	52	63	52	49	49	59	66	68	52	41	37	48	36	31	45	59	47	35	28	28	48	44	37	29	33	39	46	46.9
MAYSVILLE SEWAGE PLANT	MAX	84	82	75	80	79	81	78	69	76	78	81	77	85	88	57	66	65	55	62	70	79	67	54	48	60	60	64	53	51	59	63	69.2
	MIN	49	56	57	55	56	51	57	49	45	46	50	63	58	48	35	37	44	30	30	48	46	43	30	26	27	44	46	29	28	29	32	43.4
MOUNT STERLING	MAX	80	75	80	80	80	79	75	76	77	81	79	85	86	84	67	65	63	64	77	79	76	68	56	61	58	58	57	53	61	65	71	71.5
	MIN	56	64	56	51	51	52	59	48	45	51	64	65	58	46	34	54	38	29	42	56	46	46	26	27	43	49	44	29	29	33	37	46.1
OWENTON 2 S	MAX																																
	MIN																																
RICHMOND	MAX	83	79	73	80	81	83	78	63	71	78	82	77	86	86	54	61	66	58	66	78	78	69	60	49	61	53	63	50	53	60	63	69.1
	MIN	55	58	55	55	51	56	59	44	45	50	55	61	60	46	36	36	39	30	32	51	46	43	28	28	34	43	47	29	32	36	41	44.5
SHELBYVILLE	MAX	85	81	70	80	81	81	72	70	76	78	80	73	85	85	54	64	62	55	63	77	77	69	55	47	58	55	58	53	50	59	65	68.3
	MIN	53	57	55	56	50	50	61	45	45	48	57	65	64	44	35	35	35	27	29	44	43	43	26	25	26	40	40	25	27	31	38	42.5
WARSAW MARKLAND DAM	MAX	85	83	68	82	79	78	71	72	76	79	82	76	87	85	56	67	60	54	61	78	78	67	53	47	57		65	52	50	59	63	69.0
	MIN	46	52	55	53	51	52	58	44	34	43	54	63	63	48	33	36	40	28	27	44	44	40	29	28	25	40	44	24	23	32	33	41.5
WAYNESBURG 7 NE	MAX	75	68	79	79	82	75	68	72	75	80	75	83	83	75	58	63	56	64	77	76	69	62	49	61	56	62	54	51	61	65	69	68.5
	MIN	58	59	53	54	52	55	58	45	45	52	62	62	59	44	35	51	41	30	42	58	47	43	28	27	45	45	43	28	30	35	42	46.1
WILLIAMSTOWN 3 NW	MAX	81	72	80	79	80	75	69	75	78	80	77	85	84	71	63	61	55	62	77	76	66	58	46	56	56	63	56	50	59	63	66	68.4
	MIN	58	59	56	57	50	60	53	48	49	57	64	65	63	45	35	53	36	35	48	58	44	44	26	28	42	46	42	26	31	37	41	47.0
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	82	82	82	78	67	79	75	65	75	78	83	81	85	89	59	66	69	56	64	78	81	67	55	49	61	57	59	51	54	57	64	69.3
	MIN	44	51	60	54	49	48	48	49	44	47	48	54	55	50	37	39	45	27	29	44	45	44	28	26	26	35	39	27	26	25	26	40.9
BARBOURVILLE	MAX	80	71	74	81	83	82	83	65	71	78	81	80	85	87	55	61	72	59	68	79	74	70	62	54	67	55	65	53	56	64	67	70.4
	MIN	43	52	55	52	49	48	48	52	38	38	45	55	53	48	41	41	44	26	26	35	48	38	34	24	24	44	48	31	25	25	26	40.5
BAXTER	MAX	80	72	75	80	79	81	73	60	69	76	79	80	83	84	56	62	71	57	68	79	73	69	61	52	65	50	66	55	55	62	65	68.9
	MIN	44	52	57	53	53	47	47	50	41	41	44	51	55	54	42	44	41	27	27	34	47	38	33	24	24	40	40	31	26	26	28	40.7
BLAINE	MAX	83	81	80	83	80	84	78	65	78	81	85	81	87	88	60	68	72	59	68	81	84	70	60	55	65	52	59	49	60	65	68	71.9
	MIN	40	48	54	51	48	46	40	48	36	32	39	46	51	47	30	30	45	23	23	38	41	33	22	19	19	40	36	27	20	19	22	35.9
CUMBERLAND	MAX	85	78	78	82	82	76	79	75	78	79	80	77	87	69	67	72	72	70	79	79	70	60	61	67	50	67	55	53	62	66	70	71.8
	MIN	47	57	55	49	45	41	51	51	36	43	52	52	52	47	39	52	41	23	32	43	43	35	28	17	40	47	42	30	21	24	22	40.5
DEWEY DAM	MAX	72	76	77	76	77	80	78	64	71	75	80	79	84	86	56	64	70	53	61	73	80	65	57	47	60	55	62	50	51	57	58	67.5
	MIN	43	52	56	55	52	51	47	54	43	43	44	50	56	51	34	34	47	32	32	37	43	38	27	22	23	42	43	34	26	26	28	40.8
GRAYSON 5 SE	MAX	82	83	80	80	74	81	75	64	75	78	82	80	87	88	60	67	70	57	65	78	81	67	58	49	62	53	58	49	55	60	65	69.8
	MIN	41	49	59	51	50	47	47	50	40	38	42	55	52	50	29	30	45	23	24	37	43	38	23	19	19	41	36	23	20	20	23	37.5
HEIDELBERG LOCK 14	MAX	81	72	79	79	80	81	78	76	78	82	83	86	86	87	62	69	68	64	79	79	78	70	57	61	62	63	63	54	60	64	74	72.7
	MIN	51	57	56	50	53	50	59	51	39	42	52	61	52	49	34	53	43	24	34	44	46	37	26	21	39	49	44	30	23	25	28	42.6
HINDMAN 11 NNE	MAX	81	78	80	78	79	79	76	78	80	83	86	85	84	86	65	62	73	59	79	86	81	68	60	47	61	56	62	52	53	58	61	71.5
	MIN	40	50	55	51	50	46	46	45	46	46	46	40	38	50	51	33	47	25	36	50	44	38	26	20	20	41	41	33	22	22	24	39.4
HYDEN	MAX	83	78	78	81	82	85	78	66	76	79	82	78	87	87	52	63	71	57	69	80	76	69	60	49	65	56	63	54	54	62	66	70.5
	MIN	41	51	56	51	51	48	46	53	39	39	43	48	54	50	38	38	44	26	26	33	45	37	31	22	21	43	45	36	26	26	26	39.8
JACKSON	MAX	83	77	78	82	81	85	80	65	78	79	85	78	86	89	55	62	71	58	69	80	79	70	60	52	64	54	63	51	55	60	63	70.7
	MIN	44	53	58	53	51	50	50	54	42	41	43	51	55	49	34	34	43	30	30	35	38	38	30	23	23	44	46	32	26	27	28	40.5

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	72	71	79	81	81	75	62	73	76	81	76	84	85	61	56	67	54	63	77	75	66	58	49	63	52	61	51	52	60	65	71	67.6
	MIN	52	51	48	48	50	50	50	44	39	48	60	56	52	41	38	40	30	25	35	48	43	36	29	24	43	46	35	27	29	27	32	41.2
MANCHESTER 4 SE	MAX	78	72	81	82	85	83	74	76	79	82	81	86	87	82	60	72	63	69	73	60	74	65	59	65	63	63	62	55	64	62	74	72.6
	MIN	49	55	54	50	49	47	51	53	36	42	51	51	51	48	34	49	42	24	30	44	47	35	31	20	42	47	44	31	23	24	28	41.4
MC KEE	MAX	78	74	70	60	79	82	77	63	74	75	81	75	85	88	54	58	66	55	56	76	74	68	56	50	64	52	66	50	53	58	64	67.8
	MIN	40	50	54	47	47	52	54	44	38	39	41	56	49	46	32	34	42	25	25	34	46	34	26	22	22	44	43	24	22	22	23	38.0
MIDDLESBORO	MAX	78	70	74	76	80	77	70	61	72	74	77	76	81	81	52	61	71	56	64	73	72	69	61	54	61	51	54		64	60	63	67.8
	MIN	45	53	54	54	49	49	49	53	41	42	43	53	55	51	43	43	44	27	29	38	51	38	34	25	26	43	50		28	32	31	42.4
MONTICELLO	MAX	78	69	82	82	83	80	73	76	79	82	80	86	88	79	54	68	60	69	82	76	72	65	54	66	60	67	56	55	64	68	72	71.8
	MIN	54	59	52	49	48	55	60	48	41	55	65	60	60	46	35	51	40	27	39	60	46	40	33	26	46	46	48	25	28	33	38	45.6
MOUNT VERNON	MAX	79	69	81	81	83	81	74	74	77	81	79	86	85	82	59	66	62	67	78	75	69	68	58	62	60	64	61	55	63	65	70	71.4
	MIN	54	60	51	50	52	56	59	45	41	51	46	61	59	45	34	52	40	26	40	48	50	44	29	29	44	44	44	24	34	30	35	44.4
PIKEVILLE	MAX	77	80	83	83	82	77	66	80	83	85	85	90	92	74	66	78	66	71	85	82	75	64	54	67	52	69	54	59	62	66	76	73.6
	MIN	52	58	61		52	49	56	55	42	45	51	56	56	52	39	50	47	30	36	44	47	39	29	23	40	50	43	29	26	28	37	44.1
SOMERSET 2 N	MAX	76	72	79	80	81	81	73	75	76	79	77	82	85	80	56	66	58	64	74	75	72	63	51	63	59	65	57	53	62	64	70	69.9
	MIN	51	58	48	49	47	48	49	49	49	50	56	52	56	44	39	40	40	25	38	56	41	35	28	25	42	43	42	25	29	28	30	42.3
STEARNS	MAX	75	67	73	75	77	77	72	61	70	69	73	75	62	80	50	56	66	55	66	75	71	71	57	49	63	53	62	51	52	59	62	65.9
	MIN	48	57	53	53	53	53	53	51	44	44	48	48	43	47	39	39	42	30	32	45	49	45	30	27	27	44	47	29	29	30	34	42.4
TOMAHAWK 1 WSW	MAX	78	77	81	77	76	77	73	63	73	75	61	80	62	87	57	63	72	55	66	76	80	66	57	47	61	52	61	49	52	58	62	68.2
	MIN	36	46	53	51	48	42	42	48	34	34	37	43	48	47	30	30	41	22	22	32	40	34	22	16	16	38	37	28	18	18	20	34.6
VANCEBURG	MAX	85	78	81	85	72	81	71	76	79	83	79	83	64	64	66	67	60	64	74	79	75	63	50	62	67	60	51	50	58	62	69	70.9
	MIN	47	53	57	50	45	45	56	48	39	39	54	54	49	46	28	51	41	30	32	45	39	37	34	31	33	36	35	19	20	36	37	40.8
WEST LIBERTY	MAX	82	78	78	80	81	83	76	64	75	79	83	76	87	88	55	63	69	57	66	80	80	69	57	50	63	52	60	48	52	62	67	69.7
	MIN	41	50	57	50	50	51	54	49	39	39	41	50	52	48	30	30	44	24	24	36	42	36	24	20	20	40	38	25	22	22	26	37.9
WILLIAMSBURG 1 E	MAX	77	73	79	84	83	83	76	78	79	81	79	86	87	85	63	69	72	70	60	78	74	68	60	65	64	67	63	58	65	67	73	73.7
	MIN	53	58	57	52	49	55	51	52	43	51	63	58	55	47	46	46	42	28	36	52	48	42	30	25	43	48	44	28	27	29	33	44.9

EVAPORATION AND WIND

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
* * * CENTRAL 02																																	
NOLIN RIVER RESERVOIR	EVAP	.19	.12	.08	.13	.17	.16	.30	-	.16	.17	.17	.08	.14	.16	.06	.19	.03	.13	.13	.10	-	.00	.06	.18	.03	.03	.06	.09	.09	.10	.09	3.638
	WIND	25	17	17	43	17	36	38	33	37	47	97	46	46	91	33	48	70	38	29	48	59	38	53	41	20	15	31	39	26	19	39	1236
WOLF CREEK DAM	EVAP	.11	.01	.02	.08	.19	.08	.09	.03	.12	.11	.16	.05	.11	.17	.05	.29	.20	.05	.10	.10	.06	.11	.11	-	-	-	-	-	-	-	-	-
	WIND	3	11	13	7	12	7	20	10	7	14	56	14	11	42	19	24	31	19	8	14	20	9	28	-	-	-	-	-	-	-	-	-
	MAX	81	66	66	72	75	85	79	66	81	79	76	74	85	82	55	66	68	67	67	74	71	75	-	-	-	-	-	-	-	-	-	73.2
	MIN	50	58	56	56	56	56	59	57	52	57	62	60	60	53	41	41	46	42	39	41	55	45	39	-	-	-	-	-	-	-	-	51.3
* * * BLUE GRASS 03																																	
DIX DAM	EVAP	.17	.09	.06	.09	.23	.07	.12	.07	.17	.13	*	*	.46	.21	.06	.08	.20	*	*	.30	.34	.20	.10	.10	.00	.00	.00	.10	.02	.08	.10	3.55
	WIND	17	35	37	11	47	17	31	20	18	26	*	*	142	94	56	69	101	61	29	19	74	49	87	59	33	18	27	43	57	23	34	1334
	MAX	82	82	82	82	82	80	77	69	76	77	-	78	86	85	55	60	66	66	72	75	75	70	61	54	51	61	60	54	55	57	61	69.7
	MIN	62	60	58	59	55	62	61	53	52	52	-	53	55	48	41	37	41	36	38	48	52	46	36	35	34	35	34	37	36	36	41	46.4
* * * EASTERN 04																																	
BUCKHORN	EVAP	.10	.14	.07	.15	.12	.14	.04	*	.11	.11	.05	.20	.11	.14	.02	.00	.12	.00	.21	.09	.07	.12	.17	.09	.01	*	.02	.01	.07	.06	.10	2.64
	WIND	13	8	45	12	18	15	16	32	18	19	36	29	15	49	23	12	63	41	17	21	54	23	49	25	13	6	18	19	19	11	14	753
	MAX	81	72	73	85	85	84	81	65	81	80	91	84	87	86	60	60	72	66	68	73	72	74	65	58	60	53	63	52	60	60	62	71.4
	MIN	52	60	61	61	52	58	59	59	54	52	43	58	63	58	38	41	48	30	40	44	53	50	38	39	36	48	50	42	39	38	40	48.5
DEWEY DAM	EVAP	.10	.00	.05	.02	.04	.01	.01	*	.04	.01	-	.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	4	2	12	7	12	7	6	3	8	7	6	5	3	23	6	12	22	24	12	16	11	9	23	21	*	5	5	7	12	10	-	3108
	MAX	84	84	74	73	71	76	69	60	65	60	70	70	72	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MIN	46	63	60	60	56	59	52	59	49	49	45	53	61	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BARDSTOWN NAZARETH COL	4	MAX	69	68	67	70	69	68	69	66	69	65	66	66	66	65	65	62	62	60	59	60	60	59	59	55	57	56	55	55	54	54	55	62.4
		MIN	66	62	62	64	65	64	64	61	65	61	62	54	64	62	62	57	56	54	54	55	55	54	53	50	52	54	52	49	49	50	51	57.9
	20	5PM	69	67	66	69	70	69	69	66	69	66	67	68	68	66	64	63	63	66	65	62	62	62	62	60	61	60	61	60	60	58	58	64.5
BEREA COLLEGE	4	MAX	69	68	69	70	69	69	69	66	67	68	68	70	70	71	64	62	61	60	60	62	63	63	60	55	54	56	56	55	54	53	55	63..
		MIN	66	67	66	66	66	67	66	64	63	64	67	67	68	64	60	61	60	58	58	60	61	60	55	52	53	54	55	52	52	51	53	60.5
	20	5PM	70	70	70	70	70	70	70	70	69	69	69	69	69	69	68	67	67	65	65	65	65	65	64	62	62	62	62	61	60	59	59	66.2
CUMBERLAND GAP PARK	4	MAX	66	71	68	68	69	68	66	66	65	66	65	66	67	66	63	63	62	61	61	60	62	62	-	59	59	56	56	56	-	53	53	62.9
		MIN	63	64	64	65	64	64	64	63	60	61	61	63	64	63	60	61	59	55	54	57	60	56	-	50	50	53	55	51	-	48	50	58.7
	20	5PM	68	68	68	68	68	68	66	67	66	66	66	66	66	66	66	65	65	63	62	62	62	61	-	60	59	59	59	59	-	57	57	64.0
FLEMINGSBURG 1 SW	4	MAX	64	65	66	67	67	67	64	62	62	62	62	66	67	66	61	60	59	57	58	60	60	59	56	52	51	53	53	52	50	51	51	59.7
		MIN	60	63	62	61	60	61	62	57	56	58	61	62	63	61	54	56	55	50	53	57	57	54	49	46	50	50	51	46	45	47	47	55.4
	20	6PM	64	64	64	64	64	64	65	64	63	63	63	63	64	64	63	63	62	61	60	60	61	60	55	58	58	58	58	57	56	56	55	61.4
GLASGOW WKAY	4	MAX	69	67	69	70	70	70	68	66	67	67	67	70	70	69	64	62	62	60	62	64	64	62	60	57	57	59	59	58	57	57	57	63.9
		MIN	66	66	65	66	66	68	67	64	63	64	66	66	67	64	59	61	59	56	58	61	61	60	56	54	57	57	58	53	52	54	54	60.9
	20	6PM	67	67	67	67	67	67	67	67	67	67	67	67	67	66	65	65	64	63	62	63	63	62	62	61	60	60	60	59	59	58	58	63.9
GREENVILLE 2 W	4	MAX	74	72	74	75	76	73	72	73	70	70	70	71	72	70	65	65	62	62	62	65	66	65	63	60	59	60	62	62	69	59	-	67.3
		MIN	69	69	69	70	70	70	69	64	66	67	69	69	70	65	59	62	58	56	57	62	61	59	56	54	57	57	57	54	53	56	-	62.5
	20	5PM	69	69	69	69	70	70	69	69	68	68	68	68	68	68	67	66	65	64	63	63	63	63	63	62	61	61	61	61	60	59	-	65.5
HENDERSON 7 SSW	4	MAX	72	70	72	73	73	73	71	72	71	71	69	71	70	71	66	65	63	62	61	64	64	64	62	60	61	60	62	60	57	57	58	66.0
		MIN	69	69	69	71	71	71	69	68	66	67	69	69	70	66	62	63	61	59	59	61	62	62	59	60	59	56	60	57	56	57	57	63.7
	20	6PM	68	68	68	69	69	69	69	68	68	68	68	68	68	66	66	65	64	63	62	62	62	62	62	62	62	61	61	60	59	59	59	64.7
IRVINGTON	4	MAX	72	68	70	70	71	71	69	69	66	66	67	70	70	70	62	60	59	60	61	63	68	63	60	60	53	58	59	58	53	55	56	63.8
		MIN	66	67	65	66	66	68	66	60	64	63	66	66	68	62	55	59	55	51	51	60	58	57	51	48	53	53	56	48	48	51	54	58.7
	20	4PM	65	65	65	65	65	65	65	65	64	63	64	65	65	65	62	60	59	60	61	61	59	59	59	59	56	56	56	57	55	54	55	61.1
LEXINGTON CAMPUS FARM (BARE GROUND)	1	MAX	78	70	65	85	86	82	73	74	81	79	73	87	86	61	65	70	69	72	77	74	70	63	58	53	56	64	56	60	64	67	64	71.4
		MIN	62	62	59	59	59	63	54	52	50	56	64	66	61	46	43	53	44	39	48	58	50	41	36	35	48	47	40	35	36	42	44	50.1
	2	MAX	74	69	80	79	80	77	71	72	76	75	71	82	81	66	63	67	65	67	72	71	68	61	56	58	55	61	55	57	60	63	61	68.2
		MIN	64	64	61	62	61	65	58	55	53	58	65	66	64	51	47	56	49	44	51	59	53	46	40	38	50	50	44	39	40	45	47	53.1
	4	MAX	72	68	76	75	76	74	69	69	72	71	70	77	77	68	61	65	63	63	68	68	65	60	54	56	55	69	55	55	57	59	58	66.0
		MIN	65	65	62	63	63	66	61	57	56	60	65	67	66	55	51	59	53	48	53	60	50	50	44	42	51	52	48	43	43	47	49	55.5
	8	MAX	69	68	71	71	71	70	68	66	67	66	66	72	72	70	61	63	61	60	63	65	63	60	56	54	55	67	56	53	54	56	57	63.7
		MIN	66	66	64	66	65	68	65	62	60	62	66	67	67	60	57	61	58	54	57	61	60	56	51	49	53	54	53	49	48	50	52	58.9
(SOD)	1	MAX	69	67	73	72	73	70	68	66	66	66	68	73	72	67	61	62	60	61	64	66	65	60	55	56	55	59	56	54	55	57	56	63.8
		MIN	64	65	63	63	63	65	62	59	58	61	65	67	66	57	54	56	53	50	54	59	58	54	50	47	53	53	50	47	46	49	50	56.9
	2	MAX	69	67	72	71	72	70	68	66	68	66	68	73	72	66	61	63	61	60	63	65	64	60	55	56	56	59	56	54	55	56	56	63.7
		MIN	64	65	63	64	64	66	63	60	59	62	65	67	66	60	56	59	55	51	55	60	59	55	51	49	54	54	52	48	48	50	51	57.9
	4	MAX	69	67	71	70	71	69	68	67	67	67	68	71	71	66	61	63	61	60	62	64	64	60	57	56	56	58	56	54	55	56	56	63.3
		MIN	65	65	64	65	64	66	65	61	61	62	65	67	67	61	57	60	57	53	56	60	60	57	53	50	54	55	53	50	49	50	51	58.8
	8	MAX	68	67	69	68	69	68	67	66	66	66	67	69	69	69	63	63	62	60	61	63	63	62	60	56	56	58	57	56	55	55	56	63.0
		MIN	66	66	65	66	66	67	66	64	63	64	66	67	67	63	61	62	60	57	58	61	62	60	56	54	56	56	56	53	52	53	53	60.8
	20	7PM	67	67	67	67	67	67	67	66	66	66	66	66	67	67	65	64	64	62	62	62	63	62	61	60	59	59	59	58	57	57	57	63.4
	40	7PM	67	67	67	67	67	67	67	67	67	67	66	66	66	66	66	66	66	65	65	64	64	64	64	63	63	62	62	62	62	61	61	65.0
MAYFIELD RADIO WNGO	4	MAX	72	71	71	-	-	73	72	72	72	70	70	71	70	70	69	65	64	62	63	65	65	65	64	62	61	-	62	62	57	62	63	66.6
		MIN	68	66	70	-	-	71	70	69	66	68	68	70	68	67	64	64	62	61	61	63	63	62	60	58	59	-	58	57	54	54	55	63.6

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

CONTINUED

Station	Depth (IN)	Time	Day of month																															Average
			1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAYFIELD RADIO WNGO																																			
	20	5PM	70	69	70	-	-	70	69	70	68	69	68	70	69	69	67	66	64	61	62	64	63	62	59	64	60	-	60	62	60	60	62	65.3
PRINCETON 1 SE																																			
	4	MAX	70	69	70	71	71	70	70	71	68	66	68	70	71	70	64	62	61	61	60	62	63	63	60	57	59	60	60	58	57	56	56	64.4
		MIN	68	67	68	70	69	70	69	67	66	66	68	68	69	63	60	61	60	58	58	60	62	60	57	55	56	58	58	54	54	55	56	62.3
	20	5PM	68	66	68	69	69	69	69	69	68	68	66	68	70	68	66	65	64	63	63	63	63	63	62	61	61	61	61	60	59	59	59	64.9
QUICKSAND																																			
	4	MAX	68	67	71	71	71	71	70	70	70	67	66	70	71	71	64	63	63	60	60	61	63	63	64	53	52	56	57	54	54	55	53	63.5
		MIN	63	65	65	65	65	64	66	64	60	59	62	64	65	64	56	59	57	52	53	56	59	54	50	45	50	51	54	50	45	46	45	57.2
	20	4PM	67	67	62	66	67	65	66	62	62	61	61	66	62	62	65	64	64	61	61	61	61	61	59	57	56	56	56	56	55	54	54	61.4
SOMERSET 2 N																																			
	1	MAX	69	67	71	71	72	73	66	70	70	69	70	72	72	70	64	65	63	64	64	65	65	66	60	57	56	60	59	56	56	55	57	65.0
		MIN	64	65	62	63	64	64	65	63	62	60	64	63	65	64	57	60	58	54	55	60	61	57	54	50	50	55	56	50	50	51	51	58.6
	4	MAX	68	66	69	70	70	72	66	69	69	67	68	71	71	70	63	63	62	64	63	64	65	66	60	56	56	59	59	56	56	56	56	64.2
		MIN	65	65	63	64	65	65	65	64	63	61	65	65	66	63	58	60	59	55	56	60	61	59	54	51	51	55	56	51	51	52	52	59.4
	20	6PM	69	69	68	69	69	69	69	66	68	68	68	69	68	68	67	67	66	65	65	64	65	65	64	62	62	62	62	61	60	60	60	65.7
WILLIAMSTOWN 3 NW																																			
	4	MAX	68	67	69	69	69	69	66	67	65	65	65	69	69	69	65	62	67	62	61	63	65	64	60	56	56	57	57	57	54	55	55	63.4
		MIN	66	67	66	66	66	67	67	64	62	63	64	65	67	65	60	62	62	55	56	61	61	59	55	52	55	55	57	51	51	53	53	60.5
	20	6PM	66	66	66	66	66	66	66	66	66	65	65	65	65	66	65	65	64	63	62	62	62	62	61	60	60	60	60	59	58	57	57	63.1

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES TEMP.	PRECIP.	EVAP	SPECIAL	OBSERVER
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			GEORGE M. POTTS
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 17	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0943	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7AC		CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 1 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES M. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. GOLDA M. NEWKIRK
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
#COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 4[illegible]	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. R. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	525		7A			OTHO KELLER
DEWEY DAM	2153	04	FLOYD	1	37 44	82 44	690	7A	7A	7AC	H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 41	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 SSE	2358	01	OHIO	3	37 33	86 42	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	813		7A			DENVER BAILEY
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 NNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK M. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE M. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM M. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	750		8A			MRS ALTA S. GOUSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 45	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GREENSBURG	3433	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD RICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		6A			DAVID C. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	M. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	768	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	6A	6A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.W. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1155		5P			BEGIE BREEDING SR.
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4623	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WB AIRPORT	4740	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 3[illegible]	1050				G	[illegible]
LIBERTY	4775	02	CASEY	3	37 21	84 55	767		7A		C	[illegible] FOSTER
LITTLE HICKMAN LOCK 8	4829	03	JESSAMINE	4	37 45	84 35	52[illegible]		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		[illegible]			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 [illegible]2	7[illegible]3				C	HUBERT BURCHER
LONDON 1 [illegible]	4893	04	LAUREL	2	37 07	84 04	12[illegible]0				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A			LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE [illegible] CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 [illegible]	85 44	4[illegible]7	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	433		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE HA[illegible]
LUCAS	5002	02	BARREN	3	36 53	86 02	7[illegible]8				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	[illegible]	5P	7A	7AC		[illegible] JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	5P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 08	83 43	850	5P	7A			[illegible] S. [illegible]
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY [illegible]
MAYFIELD RADIO WNGO	5233	01	GRAVES		36 47	88 38	[illegible]75	5P	5P		C	CHARLES W. [illegible]
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	5[illegible]5	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. MINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE [illegible]
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L [illegible]
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5433	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT L. A[illegible]ISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	828	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5643	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 18	85 55	710		7A		C	GLENN S. WILSON
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	5[illegible]0	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 [illegible]5		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 16	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLAPA
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-T64
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U. S. CORPS OF ENGINEER
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 W	7165	04	ELLIOT	1	38 07	83 13	1105				G	WILLIAM ADKINS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 18	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7513	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. M. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	463		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES M. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH M. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD O. MELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8AC		CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS
NEW STATIONS												
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	630		7A			FISHTRAP DAM RSVR MGR
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	712		8A			GRAYSON RESERVOIR

† DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."

No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.

- And also on an earlier date or dates.

-+ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

Gage is equipped with a windshield.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall

M One or more days of record missing: if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR This entry in time of observation column in Station Index means after rain.

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

G "Soil Temperature" table.

H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and or snow on ground in that month

J "Supplemental Data" table.

SS This entry in time of observation column in Station Index means observation made near sunset.

VAR This entry in time of observation column in Station Index means variable.

# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual. $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H STANS, Secretary

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY

NOVEMBER 1969

Volume 64 No. 11

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CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	No. of Days Max. 32° or Below	No. of Days Min. 32° or Below	No. of Days Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Snow, Sleet Max. Depth on Ground	Snow, Sleet Date	No. of Days .10 or More	No. of Days .50 or More	No. of Days 1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	55.9	32.7	44.3		72	7	17	30	615	0	0	18	0	3.86		1.00	18	3.0	1	19+	5	4	1
BEAVER DAM	54.8	32.3	43.6		71	11	15	15	636	0	0	16	0	3.50		1.53	19				4	3	1
FORDS FERRY DAM 50	53.5	32.7	43.1		71	7	20	16+	649	0	0	14	0	4.48	.98	1.90	19	2.0	2	19	4	3	2
GILBERTSVILLE 1 SE	56.1	35.5	45.8		71	11	20	30+	569	0	0	12	0	4.20		1.36	19		1	19	7	4	1
GOLDEN POND 8 N	57.1M	34.2M	45.7M		77	12	19	15	575	0	1	11	0	6.00		2.36	19	1.3			6	4	2
GREENVILLE 2 W	55.7	33.5	44.6	- 2.3	71	11+	15	15	605	0	0	14	0	4.17	.41	1.64	19				6	4	1
HENDERSON 7 SSW	54.0	34.8	44.4	- 2.2	71	7	18	15	609	0	0	11	0	3.89	.40	1.87	19	4.0	2	19	5	2	1
HICKMAN 1 E	58.3	34.3	46.3		76	7	19	29	552	0	0	12	0	5.00		1.62	18	5.0	1	14	5	4	3
HOPKINSVILLE	55.3	33.2	44.3	- 2.6	74	12	18	16+	613	0	1	13	0	4.77	.87	2.20	19	.5			5	3	2
LOVELACEVILLE	56.8	33.0	44.9	- 2.4	73	8+	17	30+	595	0	0	16	0	3.77	- .23	1.16	19	3.5			5	4	1
MADISONVILLE 1 SE	55.7	34.4	45.1		71	11+	18	15	590	0	0	11	0	4.93		2.58	19	1.0	1	19	4	3	2
MAYFIELD RADIO WNGO	57.0	32.9	45.0		73	7	19	15	591	0	0	15	0	3.85		1.50	19		T	19	5	3	1
MURRAY	54.7	34.8	44.8	- 3.0	73	12	19	15	601	0	1	11	0	5.33	1.33	2.15	19	1.5	1	19	6	4	2
OWENSBORO 2 W	53.9	34.5	44.2	- 1.8	71	7+	18	15	616	0	0	11	0	4.41	.90	2.63	19	3.0	3	19	5	2	2
PADUCAH FAA AIRPORT	54.4	34.3	44.4		71	7	21	14	613	0	1	15	0	3.87		1.76	18	1.0	1	19	3	3	2
PADUCAH	56.8	34.4	45.6		72	7	21	15	574	0	0	14	0	3.69	- .27	1.24	19		T	19	6	4	1
PRINCETON 1 SE	56.2	34.9	45.6	- 1.4	73	7	17	29	576	0	0	14	0	4.84	1.12	1.80	19	2.5	T	19	7	4	2
ROCHESTER LOCK 3	53.5	32.8	43.2		71	12	17	15	647	0	1	14	0	3.78		1.93	19	2.0	1	19+	4	2	1
RUSSELLVILLE	54.5	32.7	43.6	- 2.2	72	8	16	15	636	0	1	13	0	4.00	.12	2.10	19	2.3			5	3	1
DIVISION			44.7	- 2.3										4.33	.54			2.3					
* * *																							
CENTRAL 02																							
ANCHORAGE	52.4	33.7	43.1	- 1.3	64	6	16	15	652	0	1	13	0	3.40	.07	1.20	19	1.3	1	19	6	3	1
BARDSTOWN NAZARETH COL	53.3	33.4	43.4		65	11+	16	15	645	0	0	16	0	3.93		1.90	19	T	0		6	2	2
BARREN RIVER RESERVOIR	54.9	32.4	43.7		70	12	11	15	633	0	1	15	0	3.35		1.60	19	1.0	1	14	4	2	2
BOWLING GREEN FAA AP	53.4	33.5	43.5	- 3.5	71	11	17	15+	637	0	0	11	0	3.44	- .17	1.83	18	T	0		4	2	1
BRADFORDSVILLE	56.4	31.7	44.1		69	1	14	30	621	0	1	19	0	3.61		1.80	19	2.0	2	14	6	3	1
CAMPBELLSVILLE 2 SSW	53.8	34.6	44.2		68	8+	15	15	619	0	0	11	0	3.08		1.60	19				4	2	2
CECILIA	53.0	32.2	42.6	- 2.3	68	11	16	15	667	0	0	14	0	4.27	.71	1.38	19	1.0	T	20+	7	3	1
CLERMONT 1 SSE	55.1	30.5	42.8		65	11+	15	30+	659	0	0	18	0	3.07		1.24	19	.5	1	19	4	2	2
GLASGOW WKAY	53.6	33.5	43.6		68	11	14	15	636	0	0	14	0	3.67		1.60	1	2.5	1	14	5	2	2
GREENSBURG	55.2	31.8	43.5	- 2.3	69	12+	15	15	639	0	1	19	0	3.44	- .12	1.46	19	1.5	1	14	4	3	2
HODGENVILLE-LINCOLN NP	55.2	33.1	44.2		67	12+	15	15	619	0	0	13	0	□ 4.95		2.10	19	.9	T	19+	6	3	2
IRVINGTON	53.7	32.1	42.9	- 3.2	67	12	16	30+	653	0	0	17	0	3.19	- .23	1.12	19	1.0			6	3	1
LEITCHFIELD 2 N	53.0	33.8	43.4	- 3.3	70	11	16	15	642	0	0	12	0	3.40	- .49	1.41	19	1.5	1	19	6	3	1
LOUISVILLE	53.7	36.7	45.2		65	7	20	15	587	0	0	11	0	3.19		1.19	19				6	3	1
LOUISVILLE WB AP R	51.8	34.8	43.3	- 1.4	64	11+	20	15	645	0	0	13	0	3.08	- .12	.90	18	.7	1	19	5	3	0
MAMMOTH CAVE PARK	54.8	32.7	43.8		70	11	13	15	630	0	0	17	0	3.80		1.70	19	1.3	1	14	5	2	2
NOLIN RIVER RESERVOIR	53.3	33.0	43.2		71	12	17	15	650	0	1	14	0	3.30		1.51	19	2.3	1	19+	4	3	1
ROUGH RIVER DAM	53.3	32.1	42.7		70	12	17	15	660	0	2	16	0	3.47		1.67	19	T	T	19+	5	2	1
SCOTTSVILLE 3 SSW	55.5	35.2	45.4		70	11	14	15	578	0	0	11	0	3.68		1.45	19	5.0	3	14	6	2	2
SUMMER SHADE	55.2	32.7	44.0		68	11+	13	15	625	0	0	15	0	3.02		1.23	19	4.0	4	14	4	2	1
WOLF CREEK DAM	55.3	32.1	43.7		69	12	15	15	632	0	1	18	0	2.90		1.52	19				4	2	1
DIVISION			43.6	- 2.5										3.49	- .09			1.5					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	53.3	34.4	43.9	- 2.7	66	1	13	15	624	0	1	15	0	2.99	- .30	1.35	19	3.3	2	14	4	3	1
CARROLLTON LOCK 1	52.5	33.2	42.9		62	11+	18	15	658	0	0	16	0	3.43	.36	1.25	19	1.5	1	19+	7	2	1
COVINGTON WB AIRPORT R	48.7	31.8	40.3	- 2.4	61	11+	18	15	737	0	1	18	0	3.67	.66	.97	19	1.1	T	22+	6	4	0
CYNTHIANA 2																							
DANVILLE	53.0	32.4	42.7		69	1	14	15	662	0	1	16	0	3.36	.04	1.50	19	2.0	2	15+	4	2	1
DIX DAM	53.8M	32.8M	43.3M		69	1	13	15	643	0	0	15	0	3.56		1.53	19	1.5			5	4	1
FALMOUTH 5 WNW	50.5	27.9	39.2		61	22+	13	30+	767	0	0	18	0	3.32	- .11	1.23	19	T	T	16+	6	3	1
FARMERS 1 WNW	53.1	29.9	41.5	- 3.6	67	18	10	30	699	0	0	19	0	3.05	- .16	1.39	2	2.0	2	15	5	3	1
FLEMINGSBURG 1 SW	50.6	30.6	40.6		64	18+	9	15	724	0	1	18	0	0 2.82		1.10	19	1.5	2	14	4	2	2
FRANKFORT LOCK 4	52.5	30.4	41.5	- 4.0	69	1	17	15	696	0	1	18	0	3.23	- .15	1.78	19	T	T	15+	6	2	1
LEXINGTON WB AIRPORT R	51.9	33.6	42.8	- 1.9	63	7	16	15	657	0	0	14	0	3.42	.13	1.27	19	1.4	T	21+	5	2	1
MAYSVILLE SEWAGE PLANT	51.4	31.0	41.2	- 3.5	70	1	17	15	708	0	1	18	0	4.01	.87	1.39	19	2.0	2	15	7	2	2
MOUNT STERLING	52.9	32.8	42.9		68	1	13	15	655	0	1	16	0	2.60	- .50	1.22	1	2.0	2	15+	4	2	1
OWENTON 2 S																							
RICHMOND	52.3	31.4	41.9		69	1	13	15	687	0	1	17	0	3.14		1.30	19	3.0	2	15+	6	3	1
SHELBYVILLE	50.2	31.2	40.7	- 4.5	65	1	16	15	721	0	2	15	0	3.56	- .08	1.41	19	.5	T	21+	7	2	1
WARSAW MARKLAND DAM	50.5	29.9	40.2	- 4.8	65	1	18	17+	735	0	1	20	0	3.73	.70	1.42	19				7	3	1
WAYNESBURG 7 NE	52.7	33.0	42.9		65	18+	10	15	657	0	1	15	0	3.18		1.46	19		4	15	5	2	1
WILLIAMSTOWN 3 NW	50.9	33.0	42.0	- 2.8	64	1	16	15	683	0	0	14	0	4.15	.87	1.55	19	1.0	1	14	8	3	1
DIVISION			41.8	- 3.7										3.37	.10			1.5					
* * *																							
EASTERN 04																							
ASHLAND	52.7	28.9	40.8	- 5.8	72	1	16	21	717	0	1	21	0	2.22	- .48	.98	2		2	15	6	1	0
BARBOURVILLE	55.2	27.7	41.5		74	1	14	16+	700	0	1	24	0	3.64		1.40	2				5	3	1
BAXTER	53.9	27.6	40.8		70	1	12	16+	717	0	1	25	0	3.16		1.16	2		2	15	6	4	1
BLAINE	54.2	24.9	39.6		74	1	12	16	756	0	1	23	0	1.69		1.11	2	3.0			4	1	1
CUMBERLAND	53.6	28.6	41.1		67	18	10	15	710	0	1	21	0	3.89		1.35	19	7.5	5	14	5	4	1

See Reference Notes Following Station Index

SPECIAL WEATHER SUMMARY ON PAGE 136

CLIMATOLOGICAL DATA

KENTUCKY
NOVEMBER 1969

Continued

Station	Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow, Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
DEWEY DAM	52.5	29.2	40.9		70	1	17	21	718	0	0	22	0	2.65		1.20	2	2.0	2	15	6	1	1
GRAYSON 5 SE	52.8	26.9	39.9		72	1	15	21+	746	0	2	22	0	2.37		.90	2	2.5	3	15	5	1	0
HEIDELBERG LOCK 14 R	55.7	30.2	43.0		74	1	14	15	654	0	1	19	0	3.35	.04	1.63	2		2	15	5	2	1
HINDMAN 11 NNE	53.5	28.3	40.9		73	1	15	15	714	0	0	23	0	2.37		1.24	2	3.5	3	15	5	1	1
HYDEN	52.4M	27.6M	40.0M		73	1	13	16+	750	0	0	25	0	3.04		.86	2	1.0	1	15	7	3	0
JACKSON	53.0	30.0	41.5		74	1	16	15	699	0	0	20	0	2.67		1.20	2	3.0	3	15+	6	2	1
LONDON FAA AP	51.5	28.9	40.2		64	18	10	15	737	0	1	23	0	2.96		.97	1	3.8	4	14	5	3	0
MANCHESTER 4 SE	54.9	30.4	42.7		68	18+	8	15	662	0	1	20	0	4.21		1.49	2	4.0	4	16+	8	3	1
MC KEE	52.0	26.0	39.0		70	1	11	15	773	0	2	22	0	3.57		1.26	2	1.0	1	16+	6	3	2
MIDDLESBORO	54.5	28.7	41.6		70	1	14	15	696	0	0	23	0	3.66		1.04	2				6	3	1
MONTICELLO	55.7	33.1	44.4		70	11	8	15	610	0	0	17	0	3.19		1.33	19	4.0	4	14	4	3	1
MOUNT VERNON	54.3	31.6	43.0		66	1	12	15	655	0	1	15	0	3.69		1.52	19	4.0			6	3	1
PIKEVILLE	56.2	33.7	45.0		71	18	18	15	592	0	0	15	0	2.58	- .05	.81	1	T	0		4	2	0
SOMERSET 2 N	54.3	29.4	41.9		67	18	12	15	686	0	0	20	0	3.15		1.30	19	3.5	4	14	4	3	1
STEARNS	52.8M	31.3	42.1M				9	15	689	0	2	16	0	2.85		1.10	19	T	0		4	3	1
TOMAHAWK 1 WSW	53.0	24.2	38.6		73	1	11	15	784	0	0	25	0	3.01		1.11	2	3.5	3	15	7	2	1
VANCEBURG	52.6	28.2	40.4		69	18	13	21+	731	0	1	20	0	4.80	1.72	1.57	2				6	4	2
WEST LIBERTY	53.0	26.9	40.0		75	1	16	21	745	0	0	22	0	2.92		1.33	2	2.1	2	15	6	1	1
WILLIAMSBURG 1 E	57.3	33.3	45.3	- 1.5	68	1	13	15	582	0	0	16	0	3.38	- .05	1.37	2				5	2	2
DIVISION			41.4	- 4.8										3.13	- .08			2.8					

SPECIAL WEATHER SUMMARY

The month was relatively cloudy, cool, snowy, and foggy over the greater part of Kentucky. Cloudiness was above average and temperatures averaged below normal. Snowfalls of 1 inch or more occurred much earlier than long-period averages, and snowfall totals were much above average in a number of areas. Days having fog sometime during each day totaled from 10 to 20 days over much of the Commonwealth.

Dates with snowfall 1 inch or more were chiefly the 14th and 19th. Snows of 1 inch or more this early in the season occur about 1 year in 10. On the 14th snowfall 1 inch or more was observed in the east and in parts of the Blue Grass, extreme west, and south. Heaviest reported totals on this date were from 3 to 7 inches in the southeast; 6.5 inches were reported at Cumberland, in Harlan County. Schools were reported to have been closed in at least seven counties. On the 19th from 1 to 3 inches of snow fell chiefly on parts of the western half of Kentucky.

Fog, with visibility 1/4 mile or less, was reported on 2 to at least 4 days at several locations; some of the dates for various parts of Kentucky were November 8, 9, 24, 25, and 26. A news release stated that on the night of the 24th, "According to State Police at Frankfort, prevailing visibility throughout the State was 20 to 50 feet. On the Kentucky Turnpike traffic was slowed to 20 m.p.h. by midnight, State Police said." News reports stated that hazardous driving conditions existed and that Louisville's Standiford Field airport was reported to have been closed at 10 p.m. on the night of the 24th. News reports stated that in Hardin County in the early morning hours of the 26th, one person was killed and 22 were injured in a chain-reaction pileup of vehicles in fog which involved 13 cars and trailer-trucks on Interstate 65 near Elizabethtown.

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Note: The foregoing narrative highlights several noteworthy events and was written before weather data processing for this publication was completed. For further details see the accompanying tables.

DAILY PRECIPITATION

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	3.86	.04		.07	T							.06		.81	.12			.87	1.00	.89								T				
BEAVER DAM	3.50	.52		.03										.47	.04			.03	.88	1.53												
CALHOUN LOCK 2	4.59	1.20		.06	.02							T	.04	.03	.48	T			.42	2.34	T	T			T							
COBB	5.67	1.62		.15										.18	.80				.75	2.01					.16							
DAWSON SPRINGS	3.93	1.30		T	T										.08			T	.05	2.50												
DUNDEE 4 ESE	3.77	.65		.08											.58				.42	2.04												
DUNMOR	3.26	.40	.01	.12	.04								.01	.09	.50	T			.48	1.61	T											
ELKTON 2 S	3.90	.35	.02	.04	.05								.02	.02	.58	T			.42	2.32	.04				.02				.02			
FORDS FERRY DAM 50	4.48	1.34	T	.08								.01	.02	.03	.38	T		.02	.70	1.90												
FRANKLIN 1 E	3.94	1.01	.05	T	.09										.23				.24	2.19									.13			
GILBERTSVILLE 1 SE	4.20	.31		.10	.01							.01		.72	.12			.62	.95	1.36												
GOLDEN POND 8 N	6.00	1.80	T	.20										.16	.94	T		.03	.51	2.36									T			
GREENVILLE 2 W	4.17	.71		.11										.65	.23			.06	.77	1.64												
HARTFORD 6 NW	-	.73	.02	.06	.01					T			.02	T	-			T	.62	2.23	T											
HENDERSON 7 SSW	3.89	.47	T	.07								.09		.17	.02	T		.35	.85	1.87												
HICKMAN 1 E	5.00	.06		.16								.04	.04	1.05	.03			1.05	1.62	.95								T	T			
HOPKINSVILLE	4.77	1.10	T	.11	.03									.04	.78	.02			.47	2.20									.02			
LOVELACEVILLE	3.77	.07		.08										.80	.18			.75	.73	1.16												
MADISONVILLE 1 SE	4.93	1.29		.08										.03	.60			T	.35	2.58												
MAYFIELD RADIO WNGO	3.85			.02								.21	.04	.09	.03			.86	.90	1.50								.20				
MURRAY	5.33	1.22		.14	T							T	.03	.31	.66			T	.76	2.15									.06			
OWENSBORO 2 W	4.41	1.10											.10	.28	T	T			.30	2.63												
OWENSBORO DAM 46	4.66	1.24		.06	.01								.06	T	.26	T	T		.35	2.68	T				T							
PADUCAH FAA AIRPORT	3.87	.02	.07	.09							.02	.02	T	.76	.02			1.05	1.76	.06												
PADUCAH	3.69	.26		.10	T									.71	T			.63	.75	1.24												
PARADISE STEAM PLANT R	3.95	.52	.08	.05	.05									.05	.78	T			.35	1.86	.21					T						
PRINCETON 1 SE	4.84	.70		.12	.02							T		.72	.11			.37	1.00	1.80												
ROCHESTER LOCK 3	3.78	.48	.06	.04	.04									.07	.75				.36	1.93					.05							
RUSSELLVILLE	4.00	.63	.05	.03									.02	.03	.60				.37	2.10	.04				.10				.03			
SEBREE	4.68	1.35		.08	.03							T	.03		.36	.05		T	.60	2.18												
UNIONTOWN DAM 49 //	4.00	1.34		.08	.05								T	T	.33			T	.83	1.37												
* * * CENTRAL 02																																
ADDISON DAM 45 //	3.80	.60	.04	.03	.04	.02						.02	.30	T	.35	T			.50	1.90	T											
ALBANY 4 N	3.13	.35	.29	T	T										.91					1.53					.05				T			
ANCHORAGE	3.40	.96		.10	.02							T	T	.42	T	T		.15	.55	1.20				T								
BARDSTOWN NAZARETH COL	3.93	1.06		.09								.13		.43	T			.16	.16	1.90												
BARREN RIVER RESERVOIR	3.35	1.11	.05		.10									T	.49	T			T	1.60					T				T			
BOWLING GREEN	4.21	1.00	.05		.04									.05	.67				.05	2.35												
BOWLING GREEN FAA AP	3.44	.47		.04						T				.38	.06			.03	1.83	.58				T				.05				
BRADFORDSVILLE	3.61	.68	.17										.27		.59					1.80					.10							
BROWNSVILLE	3.70	1.01	.08	T	T									T	.58	T			.11	1.92	T				T							
BURKESVILLE 2 W	2.76	.37											.19		.80	T				1.40												
CAMPBELLSVILLE 2 SSW	3.08	1.10		.11	T							T	T	.27				T	T	1.60				T				T				
CANEYVILLE	3.53	.66	.08	.10											.61	T			.48	1.60												
CECILIA	4.27	.88		.96						T		.12	T	.48	T	T		.12	.32	1.38				.01								
CLERMONT 1 SSE	3.07	1.03	.07	.08		.02						.04		.04	.12			.08	.31	1.24				T	.04			T				
EDMONTON	2.62	.70	.20												.57					1.15												
GAMALIEL 1 S	2.88	.55	.16		T						T		.10	T	.77	.02				1.23	T				T				.05			
GLASGOW	3.83	1.55	.05		.12										.54				.12	1.45					T							
GLASGOW WKAY	3.67	1.60		.07										.20	.28				.18	1.34				T								
GLENDALE 1 E	3.34	1.03	T	T	.10									.11	.45	T			.15	1.50					T							
GREENSBURG	3.44	1.18	.20	T	.07										.53	T				1.46					T							
GREENSBURG HIWAY 61	3.51	1.15	.20		.03								.02		.44	T			T	1.48	.19				T							
HODGENVILLE-LINCOLN NP	D 4.95	1.28		.60								.09		.35	.400	.03		T	.10	2.10				T	T							
IRVINGTON	3.19	.80	T	.08										.16	.19	T		.10	.74	1.12												
LEITCHFIELD 2 N	3.40	.89	.11	.02	.06								.10		.59	.02			.20	1.41					T							
LIBERTY	2.96	.31	.25		.04		.06						.09		.46	.04				1.62	.04				.05							
LOUISVILLE	3.19	.84		.10		T						T		.35	.07			.12	.52	1.19												
LOUISVILLE WB AP R	3.08	.72		.11	.08	.01				T		.04		.38	T	T		.08	.90	.76				T					T			
LOUISVILLE UPPER GAGE	3.35	.75	.10	.06	.03	T							T	T	.35	T			.26	1.64	.16				T							
MAMMOTH CAVE PARK	3.80	1.33		.03	T					T		T		.18	.36				.18	1.70				T	.02							
MILLERSTOWN	3.74	1.00	.04	.04									.22		.58	T			.13	1.55					.18							
MUNFORDVILLE	D 4.38	1.34	.11	.05								T	T	.700	.05	T			.06	2.00					.07							
NOLIN RIVER RESERVOIR	3.30	.93	.07	T	T								T		T	.65			.14	1.51					T							
ROUGH RIVER DAM	3.47	.65	.06	.05	.06							T	.18		.45	.05			.30	1.67												
SCOTTSVILLE 3 SSW	3.68	1.19		.09									.13	.24	.18				.40	1.45												
SCOTTSVILLE 2 SW	2.84	.75	.08		.02								.04		.30	.05				1.50					T				.10			
SHEPHERDSVILLE	-	.85	.06	.03	.02								.03		.34				.28	-					T							
SUMMER SHADE	3.02	.94		.04									T	.30	.48				.02	1.23								.01				
WOLF CREEK DAM	2.90	.29	.29		.03										.74					1.52					T				.03			
WOODBURY LOCK 4	3.50	.71		.01	.04						T			.03	.68	.06			.37	1.60	T				T							
* * * BLUE GRASS 03																																
BEREA COLLEGE	2.99	.69	.03	T		.07						.09		.14	.52	T				1.35				.01	.09							
BEREA	2.96	.12	.58		.04	.04				T	T		.08		.58	.05	T			1.27	.10				.10							
CARROLLTON LOCK 1	3.43	.77	.24	.02	.03	.03						T	T		.43	.12	.02		.40	1.25	.12				T							
COVINGTON WB AIRPORT R	3.67	.94	T	.12	.08	T				T		.05		.50	.02	.02		.14	.80	.97				.03					T			
CYNTHIANA	3.34	.33	.59		.13	.05							.04		.46	T	T		.06	1.56	.07				.05							
CYNTHIANA 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DANVILLE	3.36	.44	.42		.07	.07				.01			.08		.66	.02				1.50	.05				.04							
DIX DAM	3.56	.60	.61	.02	.04	.10						.02			.56				T	1.53					.08							
FALMOUTH 5 WNW	3.32	.37	.61		.07	.02									.51	.02	T		.21	1.23	.24				.04							
FARMERS 1 WNW	3.05		1.39		.07	.05									.54	.04				.74	.12				.10							
FLEMINGSBURG	3.25	.16	1.12		.02	.05							T		.56	.05			T	1.10	.10				.09							
FLEMINGSBURG 1 SW	D 2.82	1.08	.18	.01		.07								.290	.05					1.10				.04								
FORD LOCK 10	2.91	.07	.85	T	.08	.10					T	T	T		.46	.05	T		T	1.08	.12				.10				T			
FRANKFORT LOCK 4	3.23	.52	.28	T	.02	.10				T		T	T		.41	T			.10	1.78	.02				T							
GEORGETOWN WATER WORKS	3.14	.41	.32		.08								.05		.47					1.75					.06							
GEST LOCK 3	3.18	.38	.32	T	.06	.03					T	T	.08		.40				.23	1.68	T				T							
HIGH BRIDGE LOCK 7	2.88	.08	.40	T	.03	.10						T	.03		.51	T			T	1.67					.06							
KEENE 1 SSW	3.47	.81	.22		.16										.46					1.82	T											
LA GRANGE 1 ESE	3.62	1.16	.01	.09	.04	.06			T			T		.47	T	T		.14	.40	1.23				.02								
LANCASTER	3.79	*	1.14		.09								.18		.72					1.58					.08							
LEXINGTON WB AIRPORT R	3.42	.96		.05	.06	T				T		.03		.40	.13	T		T	.48	1.27				.04								
LITTLE HICKMAN LOCK 8	3.42	.46	.60		.09	.08									.57	T				1.56	T				.06							
LOCKPORT LOCK 2	3.60	.51	.37	.03	.08	.03						T	.08		.47	T			.34	1.63	.06				T							
MAYSVILLE SEWAGE PLANT	4.01	.21	1.33		.10	.08							.03		.43	.10	T		.04	1.39	.25				.05							
MIDWAY	3.26	.36	.43		.05	.07									.45	T				1.90												
MOUNT STERLING	2.60	1.22		T		.15					T	T		.09	.10	T				.99				.05								
OWENTON 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RICHMOND	3.14	.24	.54		.10	.06				T			.05		.66	.08				1.30	T				.11							
SALVISA LOCK 6	3.70	.40	.39	T	.05	.03					T	.03	.02		.54	.04	T	T	.02	2.00	.09				.09				T			
SHELBYVILLE	3.56	.71	.41	.02	.06	.11						T	T		.40	T			.24	1.41	.20				T							
SPRINGFIELD	2.98	.49	.33										.05		.52	T				1.59	T											
TAYLORSVILLE	3.63	.70	.27	T	.08	.11						.03			.46	T			.18	1.60	.20											
TYRONE LOCK 5	3.61	.48	.35	.03	.08	.09					T	.02	.04		.37	T	T		.02	2.04	.06				.03							
VALLEY VIEW LOCK 9	3.29	.24	.83		.06	.05					.01	T	T		.52	.02	T		T	1.47	.03				.06							
WARSAW MARKLAND DAM	3.73	.62	.50		.12	.05						T	.03		.44	T	T		.38	1.42	.13				.04							

See reference notes following Station Index

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	3.18	T	.84	T									.08		.38	.25				1.46	.10				.07							
WILLIAMSTOWN 3 NW	4.15	.68	.17	.07	.66	.11			.01			.01		.40	.11	T		.06	.27	1.55				.04		T	.01					
* * *																																
EASTERN 04																																
ASHLAND	2.22	.15	.98		.04	.09				T				T	.26	.10				.08	.39				.13							
BARBOURVILLE	3.64	.40	1.40										.04		.66					.89	.14				.09				.02			
BAXTER	3.16	.15	1.16	.02	T	T	T						.07	T	.52	.17				.54	.51				.01				.01			
BLAINE	1.69	.12	1.11												.26										.20							
BUCKHORN	2.85	.25	1.15	T		T	T						T		.40	.15	T			.30	.50				.10							
BURDINE 2 NE	2.42	.42	1.00										.20		.15					.55					.10							
CLAY CITY 1 WNW	3.17	.25	.92		.15	.08									.50	.05				.95	.15				.12							
COLLEGE HILL LOCK 11	2.95	.12	.87		.05	.06							.02		.64	.05	T			.96	.11				.07							
CUMBERLAND	3.89	.83	.74		T	.06						T	.12	.03	.62	T		T		1.35	T			.03	.08			.03				
CUMBERLAND FALLS ST PK	2.37	1.10			.01										.30	.02				.70	.10				.14							
DEWEY DAM	2.65	.22	1.20		T	T				T	T		T		.38	.17				.04	.49				.15							
ELKHORN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				T							
FISHTRAP RESERVOIR	2.59	.41	.89	.03	.01	.04							.12	T	.30	.15				.02	.50				.12							
FREEBURN 2 SW	2.88	.53	.84	.05									.34	.01	.41	.09				.05	.49				.06				.01			
FRENCHBURG	2.78	*	*	*	*	*	*	*	*	*	*	*	*	*	1.85	.75									.18							
GRAYSON 5 SE	2.37	.06	.90		.08	.03				T					.42	.13				.08	.47				.20							
GRAYSON RESERVOIR	2.30	.06	1.06		.02	.04							.03		.28	.02				.38	.24				.17							
HAZARD WATER WORKS	2.97	.35	.98		.06	.05							.09		.58	.06				.10	*	*	*	*	.70							
HEIDELBERG LOCK 14 R	3.35	.06	1.63		T	.03							.05		.49	.04				.69	.23				.13							
HINDMAN 11 NNE	2.37	.38	1.24		.04										.12	.14				.45												
HYDEN	3.04	.31	.86	.02	.09	.04							.20		.62	.07				.53	.18				.12							
JACKSON	2.67	.14	1.20		.02	.03							.03		.28					.50	.32				.15							
JEREMIAH	3.07	.73	.88	.05								T	.06	T	.64					.64					.07							
LLOYD GREENUP DAM	2.51	.10	1.26	.04	.05	.10									.22	.09	.03			.12	.43				.07							
LONDON FAA AP	2.96	.97	.05	.03	T	.03				T		T	.03	.20	.65	T				.87				.13				T				
LOUISA 2	1.83	.10	.87							T			T		.46	.14	T			.06					.20							
MANCHESTER 4 SE	4.21	.42	1.49	T									.10		.77	.13				.91	.24				.15							
MARTIN	2.80	.30	1.40	T									.12		.24	.20					.54											
MC KEE	3.57	.14	1.26		.06	.05							.15		.55	.01				1.08	.05				.22							
MIDDLESBORO	3.66	.80	1.04	T		.04							.09		.37	.14				.96	.16				T				.06			
MONTICELLO	3.19	.12	.66		.02										.95	.03				1.33	.04				.02				.02			
MOUNT VERNON	3.69	.88	.15	T		.03						.06	.07	.22	.55					1.52				.15	.06							
ONEIDA	3.60	.15	1.60										.15		.55	.02				.80	.18				.15							
PAINTSVILLE 1 S	1.71	.16	.95							T		T	T		.21	T				T	.33				.06							
PIKEVILLE	2.58	.81	.73	T								.04	.07	.01	.44					.48				T								
PINEVILLE 4 NW	3.50	.27	.88		.05	.02							.08		.77	.15				.97	.15				.11				.05			
RAVENNA LOCK 12	3.07	.07	1.18		.02	.06							.03		.60	.01	T			1.01	.01				.08							
SALYERSVILLE 2 SE	2.36	.28	.81		.08										.41					.17	.44				.17							
SOMERSET 2 N	3.15	.63	.09											.12	.83				.01	1.30				.08					.09			
STEARNS	2.85		.89										.04		.63					1.10					.11				.08			
TILFORD	4.65	T	1.50												1.020	.03				1.07	*	*	*	*	1.03							
TOMAHAWK 1 WSW	3.01	.23	1.11		.10	.05				.05					.38	.27	T			.05	.58				.19							
VANCEBURG	4.80	.88	1.57	.01	.01	.11				T		T		.50	.37					1.35												
WEST LIBERTY	2.92	.02	1.33	.01	.04	.06				T			T	T	.42	.11				.40	.31				.22							
WILLIAMSBURG 1 E	3.38	.34	1.37			.08									.40					1.03					.10				.06			
WILLOW LOCK 13	3.27	.05	1.35		.06	.03							.05		.66	T				.87	.10				.10							

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation								
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	Percent of Possible sunshine	Average sky cover sunrise to sunset
COVINGTON WB AIRPORT	25	4.7	9.2	23++	25	30+	72	76	62	69	4	5	2	4	0	0	15	-	8.2
LEXINGTON WB AIRPORT	23	3.9	9.0	23++	23	30	75	77	56	65	4	4	3	1	1	0	13	-	7.5
LOUISVILLE WB AIRPORT	25	3.0	8.1	35	W	14	73	77	60	63	5	4	2	3	0	0	14	41	7.8

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	57	53	51	50	57	69	72	64	62	56	70	60	51	47	47	61	55	59	48	42	58	62	64	57	58	58	53	39	44	52		55.9
	MIN	47	45	41	29	26	30	43	40	30	38	46	41	39	22	19	27	45	47	25	27	26	32	45	28	29	21	29	28	18	17		32.7
BEAVER DAM	MAX	58	56	50	50	56	69	70	64	48	59	71	66	49	43	41	62	55	58	58	36	52	63	59	58	58	55	48	38	45	50		54.8
	MIN	51	43	41	31	33	27	36	35	32	41	43	43	35	20	15	27	45	48	25	22	24	32	48	31	29	21	24	33	17	16		32.3
FORDS FERRY DAM 50	MAX	59	51	51	51	52	67	71	60	45	50	69	55	48	46	43	61	58	59	55	35	54	62	63	54	57	54	40	38	43	53		53.5
	MIN	47	45	38	37	35	36	43	41	38	39	39	43	33	21	20	20	33	32	24	27	26	30	40	34	31	28	29	25	23	25		32.7
GILBERTSVILLE 1 SE	MAX	57	60	52	51	57	67	70	64	59	54	71	64	50	46	46	62	58	59	58	40	58	61	62	58	59	55	48	39	45	52		56.1
	MIN	48	45	42	32	31	35	46	41	34	40	47	42	42	20	20	31	45	48	25	28	30	40	50	35	40	26	33	28	20	20		35.5
GOLDEN POND 8 N	MAX	57	60	56	53	54	61	70	76	67		59	77	59	52	31	49	66	63	62	37	39	62	66	66	59	66	57	44	40	49		57.1
	MIN	48	45	42	34	33	36	40	39	38	39		45	41	24	19	27	36	46	26	26	28	30	41	37	38	28	30	34	20	23		34.2
GREENVILLE 2 W	MAX	60	55	49	52	58	71	71	64	53	62	71	65	52	43	41	61	55	59	57	36	58	62	61	59	60	55	45	38	47	50		55.7
	MIN	51	45	42	31	32	31	38	35	32	39	42	42	38	21	15	29	34	52	25	26	25	35	50	37	38	23	27	33	17	19		33.5
HENDERSON 7 SSW	MAX	61	52	51	45	58	70	71	61	50	55	68	59	47	41	41	60	52	59	58	34	57	61	62	57	58	57	46	36	42	51		54.0
	MIN	49	44	42	34	36	34	42	36	33	39	43	43	41	22	18	30	45	49	25	25	28	36	47	34	30	28	33	30	24	24		34.8
HICKMAN 1 E	MAX	56	62	53	50	60	71	76	68	65	58	73	66	50	47	50	65	63	58	47	46	62	62	64	65	61	60	54	39	46	53		58.3
	MIN	46	45	41	33	28	32	48	42	32	38	48	43	39	22	20	28	34	47	26	30	26	40	42	34	34	24	34	33	19	22		34.3
HOPKINSVILLE	MAX	59	57	54	54	54	60	72	73	66	50	60	74	59	46	30	42	62	59	58	37	45	59	64	64	59	61	57	41	37	46		55.3
	MIN	52	44	42	33	31	32	33	38	35	37	42	41	40	23	18	18	29	50	27	26	28	33	38	38	39	28	27	33	21	21		33.2
LOVELACEVILLE	MAX	57	52	52	51	59	71	73	73	63	58	69	60	52	45	47	63	56	60	55	42	60	61	64	56	61	58	48	40	46	53		56.8
	MIN	48	43	41	28	26	30	45	38	34	38	45	38	42	21	20	28	45	50	23	28	25	33	44	31	30	22	28	32	17	17		33.0
MADISONVILLE 1 SE	MAX	58	54	49	57	57	70	71	62	55	61	71	69	50	44	41	60	57	59	59	37	56	62	61	56	60	55	46	38	45	51		55.7
	MIN	50	45	42	35	36	33	38	37	33	41	43	44	40	20	18	29	46	50	25	28	25	34	44	33	33	26	28	32	20	23		34.4
MAYFIELD RADIO WNGO	MAX	59	53	48	48	58	72	73	69	58	59	72	63	52	45	49	62	59	60	55	40	60	62	64	60	59	59	55	39	47	51		57.0
	MIN	46	37	37	27	25	25	42	44	39	38	42	38	35	20	19	31	45	48	23	27	25	37	48	23	30	20	33	31	26	27		32.9
MURRAY	MAX	56	58	53	51	52	57	70	72	65	60	59	73	56	48	29	46	62	58	58	36	45	60	62	61	55	60	58	40	36	46		54.7
	MIN	48	45	41	34	30	34	40	38	35	39	42	43	39	22	19	29	43	45	26	28	27	39	47	35	39	27	32	34	21	22		34.8
OWENSBORO 2 W	MAX	59	55	48	46	58	71	71	62	55	57	69	62	47	43	41	60	51	57	50	36	52	60	60	57	57	57	47	38	41	50		53.9
	MIN	53	43	42	33	33	33	40	39	34	41	43	44	40	22	18	29	46	48	24	22	28	39	45	34	30	26	29	33	21	22		34.5
PADUCAH FAA AIRPORT	MAX	56	51	51	49	58	70	71	64	63	55	68	58	51	31	48	62	57	59	37	40	58	61	63	56	58	58	41	39	46	52		54.4
	MIN	46	45	38	34	33	36	49	42	35	38	49	44	30	21	22	31	47	32	26	30	28	42	43	32	31	25	30	24	24	22		34.3
PADUCAH	MAX	58	52	52	51	58	70	72	65	63	55	70	63	53	48	47	62	58	59	59	40	58	61	64	61	58	55	55	39	44	53		56.8
	MIN	47	41	41	34	30	33	49	38	33	38	45	43	41	22	21	27	45	48	25	30	28	28	49	32	34	25	29	32	22	23		34.4
PRINCETON 1 SE	MAX	58	54	50	50	57	70	73	72	58	57	70	64	53	45	44	60	56	59	57	37	58	62	61	58	59	57	54	38	45	51		56.2
	MIN	49	44	41	30	32	35	44	34	34	39	46	43	41	21	18	32	46	50	25	28	25	41	51	32	38	26	31	31	17	22		34.9
ROCHESTER LOCK 3	MAX	65	57	52	48	50	56	68	69	61	48	60	71	54	45	29	41	60	59	58	34	48	56	62	60	58	59	54	41	37	45		53.5
	MIN	52	45	43	33	33	29	30	35	35	39	40	46	37	25	17	22	36	47	29	26	27	32	39	33	36	26	25	27	20	20		32.8
RUSSELLVILLE	MAX	65	57	52	47	52	59	69	72	64	49	58	71	66	46	29	42	61	58	60	40	42	58	58	61	50	59	56	44	44	45		54.5
	MIN	45	45	44	33	31	31	35	35	33	39	43	45	35	22	16	19	30	50	29	22	25	34	41	37	40	25	25	34	20	19		32.7
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	62	56	50	44	55	64	63	60	52	55	62	60	48	41	38	58	57	57	56	32	47	61	58	56	51	52	48	38	43	49		52.4
	MIN	54	44	41	35	37	35	33	34	37	43	41	45	36	21	16	25	44	45	25	22	26	31	50	37	25	28	26	32	23	21		33.7
BARDSTOWN NAZARETH COL	MAX	65	56	50	48	54	65	62	58	58	54	65	60	48	38	38	58	59	61	59	35	50	60	60	55	51	54	50	40	42	46		53.3
	MIN	54	45	42	35	31	33	31	32	30	43	35	46	36	21	16	30	45	51	25	23	28	37	49	33	23	24	26	32	23	22		33.4
BARREN RIVER RESERVOIR	MAX	69	59	56	48	53	58	69	69	67	47	61	70	56	46	29	39	62	60	66	37	42	58	63	63	58	59	54	45	38	45		54.9
	MIN	50	45	43	35	37	30	31	36	34	40	38	46	33	25	11	19	36	48	29	22	25	32	41	40	31	28	26	29	20	12		32.4
BOWLING GREEN FAA AP	MAX	59	55	47	53	57	67	70	61	47	58	71	57	46	35	40	60	58	62	40	41	58	62	61	54	58	52	43	38	46	47		53.4
	MIN	50	47	41	33	36	31	39	34	39	41	40	38	35	17	17	29	48	40	25	27	28	33	43	33	33	26	26	33	23	21		33.5
BRADFORDSVILLE	MAX	69	62	58	49	51	62	66	66	58	54	60	68	55	48	32	54	61	63	65	35	47	60	62	60	60	61	64	57	40	45		56.4
	MIN	54	46	41	32	36	28	28	25	39	44	32	45	26	24	15	25	42	54	30	21	27	26	48	38	24	25	26	20	15	14		31.7
CAMPBELLSVILLE 2 SSW	MAX	68	58	49	49	54	58	58	68	55	57	57	56	47	40	35	48	62	65	60	37	53	62	61	59	58	54	48	46	46	45		53.8
	MIN	56	46	42	34	38	37	39	36	37	37	38	39	33	22	15	30	42	53	26	22	26	36	48	42	29	27	34	32	22	19		34.6
CECILIA	MAX	59	55	49	47	58	65	65	55	48	57	68	63	50	42	38	60	58	58	56	38	51	61	59	50	54	54	45	37	43	48		53.0
	MIN	53	44	41	33	38	29	34	33	36	40	38	44	34	20	16	27	42	41	26	22	29	30	47	30	24	20	23	33	20	20		32.2
CLERMONT 1 SSE	MAX	59	62	58	48	55	65	65	63	55	55	65	61	53	42	41	59	59	60	59	36	50	62	61	58	57	55	54	43	44	49		55.1
	MIN	52	40	41	30	36	28	28	27	34	42	35	43	28	21	15	22	40	45	25	21	27	24	49	34	22	21	20	31	18	15		30.5
GLASGOW WKAY	MAX	61	55	48	52	54	64	65	56	44	59	68	62	46	40	37	59	59	65	55	39	56	61	59	58	55	53	49	36	45	47		53.6
	MIN	54	45	42	31	39	30	37	33	34	40	39	42	35	20	14	31	42	53	26	24	24	32	50	40	28	25	25	33	20	17		33.5
GREENSBURG	MAX	69	61	57	49	53	57	67	68	60	49	59	69	56	49	31	53	60	61	67	34	42	57	62	61	62	60	54	46	39	45		55.2
	MIN	43	48	43	33	35	31	32	31	32	43	37	44	32	26	15	21	38	49	31	22	27	28	29	40	28	28	24	26	20	19		31.8
HODGENVILLE-LINCOLN NP	MAX	66	58	52	49	57	63	66	65	55	58	67	67	52	41	41	58	58	64	62	37	52	63	60	54	56	54	50	41	44	46		55.2
	MIN	55	44	42	34	39	31	36	33	37	40	43	43	33	22	15	26	43	51	26	22	21	30	47	33	26	23	26	33	21	17		33.1
IRVINGTON	MAX	64	55	50	45	54	62	65	64	55	55	65	67	52	43	33	59	58	58	56	35	50	61	59	58	53	55	50	38	42	49		53.7
	MIN	54	44	42	29	39	28	36	33	32	41	38	43	32	22	16	27	46	47	25	22	29	30	46	31	22	20	22	33	19	16		32.1
LEITCHFIELD 2 N	MAX	57	58	48	47	56	66	65	56	46	57	70	62	47	38	38	59	58	59	58	38	53	60	59	55	53	55	43	38	42	48		53.0
	MIN	47	45	38	34	40	29	36	34	42	41	43	43	34	20	16	33	46	57	28	25	29	30	46	34	28	22	23	33	20	18		33.8
LOUISVILLE	MAX	60	56	51	45	55	64	65	57	57	55	62	63	54	43	39	60	60	59	58	36	48	60	61	59	50	51	51	40	42	50		53.7
	MIN	54	48	44	38	40	36	33	37	40	44	45	44	38	24	20	30	46	47	26	26	29	32	52	40	32	32	27	36	36	26		36.7
LOUISVILLE WB AP	MAX	60	53	48	45	55	62	64	57	50	54	64	55	48	37	40	59	58	59	54	35	48	62	59	46	51	54	45	38	43	50		51.8
	MIN	53	48	43	38	40	34	34	35	39	44	43	36	36	21	20	27	46	53	27	27	30	30	46	30	30	26	26	34	24	23		34.8
MAMMOTH CAVE PARK	MAX	65	56	51	52	56	65	67	62	54	58	70	65	50	42	38	59	58	61	57	39	55	60	60	57	56	54	50	37	43	47		54.8
	MIN	55	43	36	30	36	29	36	32	34	37	37	45	32	21	13	30	45	51	25	22	24	31	52	30	26	24	25	33	29	19		32.7

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	68	58	55	43	50	57	69	68	58	47	60	71	55	45	28	39	60	59	60	33	39	59	62	60	57	57	55	43	38	45		53.3
	MIN	52	45	43	32	40	29	37	35	42	39	40	39	36	25	17	24	33	47	30	22	23	39	39	38	31	24	24	26	20	18		33.0
ROUGH RIVER DAM	MAX	65	58	55	48	49	57	69	69	58	47	60	70	55	48	29	41	60	59	58	32	39	55	62	58	59	53	55	42	43	45		53.3
	MIN	53	42	42	34	34	30	31	33	33	40	41	45	38	24	17	20	31	46	28	25	25	30	39	37	30	23	23	29	21	20		32.1
SCOTTSVILLE 3 SSW	MAX	66	54	48	51	56	68	68	62	55	58	70	64	48	43	37	61	60	64	55	42	58	63	61	58	58	54	46	45	43	49		55.5
	MIN	54	45	41	35	38	35	42	37	36	41	43	44	36	20	14	32	46	53	26	23	27	38	50	41	31	25	33	28	22	20		35.2
SUMMER SHADE	MAX	63	55	49	53	55	65	68	60	51	60	68	62	47	41	37	58	60	66	62	42	57	63	61	58	61	55	50	37	44	48		55.2
	MIN	55	46	41	33	38	30	38	33	32	40	36	34	31	20	13	30	40	54	23	21	26	36	49	35	30	25	25	31	18	18		32.7
WOLF CREEK DAM	MAX	62	62	55	52	52	56	68	66	62	55	62	69	57	48	36	35	60	65	68	32	44	60	64	63	60	62	55	47	37	44		55.3
	MIN	50	49	39	31	36	30	34	32	34	34	38	34	29	26	15	22	27	52	32	21	26	27	31	46	31	33	27	31	26	20		32.1
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	66	61	54	50	48	60	60	53	49	54	59	60	48	40	32	56	61	65	62	34	50	61	59	55	61	56	52	48	42	44		53.3
	MIN	58	48	43	36	35	38	33	30	39	43	36	45	31	21	13	29	43	53	27	22	23	32	50	41	31	28	27	32	23	23		34.4
CARROLLTON LOCK 1	MAX	60	58	52	48	54	62	61	58	51	53	62	60	50	40	36	57	55	57	57	33	42	60	58	58	51	57	50	47	43	46		52.5
	MIN	53	45	42	38	38	32	29	33	40	44	40	45	32	24	18	22	45	45	29	23	21	26	50	34	27	24	23	31	23	21		33.2
COVINGTON WB AIRPORT	MAX	61	52	47	43	50	60	58	46	47	52	61	52	43	34	34	54	55	57	55	30	40	60	52	50	54	48	47	35	40	43		48.7
	MIN	52	44	37	37	32	29	30	36	40	44	42	30	34	20	18	22	41	51	24	19	20	29	44	28	23	25	26	32	23	21		31.8
CYNTHIANA 2	MAX																																
	MIN																																
DANVILLE	MAX	69	60	55	50	50	52	60	63	56	52	55	62	54	49	30	35	54	60	64	56	36	50	60	59	54	59	54	52	37	42		53.0
	MIN	43	46	43	36	34	37	32	32	32	41	36	44	34	24	14	18	28	45	35	24	25	27	38	40	30	30	28	29	24	23		32.4
DIX DAM	MAX	69		60	49	51	62	61	61	54	53	57		51	41	34	53	59	63	62	35	50	61	61	58	58	57	53	50	44	40		53.8
	MIN	54		42	35	33	37	31	30	40	43	36		34	24	13	30	42	53	28	22	25	30	35	36	27	27	26	32	30	24		32.8
FALMOUTH 5 WNW	MAX	61	59	49	43	49	61	60	46	48	51	61	57	42	37	34	54	57	58	55	34	41	61	54	55	57	50	53	40	43	45		50.5
	MIN	50	44	40	33	32	31	22	28	38	42	33	35	23	20	15	15	40	48	25	21	13	21	37	33	19	16	16	20	15	13		27.9
FARMERS 1 WNW	MAX	65	62	54	49	44	59	61	52	48	56	59	57	51	39	33	52	62	67	63	35	44	65	60	58	60	53	53	47	41	43		53.1
	MIN	54	48	44	34	33	25	24	28	42	41	31	41	25	21	15	18	31	51	30	29	17	18	35	27	24	26	21	34	19	10		29.9
FLEMINGSBURG 1 SW	MAX	64	58	51	45	44	58	57	44	47	53	58	54	46	34	30	51	59	64	60	40	40	60	57	55	58	51	51	47	41	42		50.6
	MIN	54	47	43	36	33	27	26	30	40	38	32	39	26	20	9	23	39	48	26	22	18	26	45	34	25	25	20	28	20	20		30.6
FRANKFORT LOCK 4	MAX	69	61	58	51	47	56	67	65	52	53	54	61	54	52	32	38	55	60	62	34	37	45	61	57	51	58	54	50	37	44		52.5
	MIN	36	48	43	38	38	33	30	30	37	42	31	42	31	26	17	20	24	38	34	24	23	26	26	33	27	27	22	23	22	21		30.4
LEXINGTON WB AIRPORT	MAX	61	56	51	49	52	62	63	52	51	53	59	58	51	38	35	53	59	61	56	35	46	61	59	51	57	51	51	37	43	46		51.9
	MIN	55	47	40	37	38	36	32	35	42	38	39	33	36	18	16	26	44	54	25	24	25	33	47	31	30	26	28	28	24	21		33.6
MAYSVILLE SEWAGE PLANT	MAX	70	60	58	51	48	47	59	60	47	50	54	59	53	48	31	34	52	59	62	42	42	42	61	56	55	59	50	54	38	42		51.4
	MIN	33	48	43	38	36	31	31	32	35	42	36	40	30	27	17	18	24	37	42	24	20	25	28	36	30	29	25	26	24	24		31.0
MOUNT STERLING	MAX	68	60	57	47	46	60	61	56	48	54	58	57	50	40	32	52	59	64	63	35	41	61	58	56	60	56	53	50	41	43		52.9
	MIN	54	46	44	35	35	33	30	31	41	41	34	46	31	24	13	21	39	52	28	22	20	28	48	36	29	27	24	30	22	21		32.8
OWENTON 2 S	MAX																																
	MIN																																
RICHMOND	MAX	69	60	56	51	51	49	63	62	51	50	56	60	59	48	33	34	54	60	63	32	37	46	61	56	55	62	55	53	38	44		52.3
	MIN	49	47	42	35	35	30	32	31	33	40	36	38	31	25	13	19	33	41	32	22	24	27	37	38	28	28	27	30	21	19		31.4
SHELBYVILLE	MAX	65	59	55	47	45	49	63	61	51	54	53	60	52	46	28	37	56	58	60	32	34	46	60	56	48	54	53	46	35	43		50.2
	MIN	46	44	43	34	34	34	33	33	36	39	39	44	33	25	16	19	28	45	30	22	23	26	35	32	23	23	24	28	23	22		31.2
WARSAW MARKLAND DAM	MAX	65	60	53	49	49	53	64	60	49	50	54	63	52	45	30	35	57	57	59	38	33	42	61	55	54	51	51	49	35	42		50.5
	MIN	40	47	42	40	37	30	29	27	30	40	40	42	29	29	18	20	18	42	37	24	19	25	23	32	26	22	21	25	22	21		29.9
WAYNESBURG 7 NE	MAX	65	59	50	47	50	60	61	57	49	55	62	59	46	40	30	54	61	65	62	35	47	61	59	55	59	54	49	45	42	44		52.7
	MIN	55	46	41	33	34	31	35	31	39	43	37	43	32	20	10	23	41	50	25	20	25	33	46	38	32	25	29	30	24	20		33.0
WILLIAMSTOWN 3 NW	MAX	64	60	49	44	51	61	60	49	48	51	61	55	47	35	35	53	55	58	56	44	40	60	54	53	55	51	51	41	42	45		50.9
	MIN	53	45	42	37	35	33	31	33	39	43	41	43	33	22	16	26	41	48	25	21	19	30	42	33	32	28	29	28	22	21		33.0
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	72	63	56	52	50	44	59	52	47	54	53	58	56	48	34	32	53	64	70	59	37	40	63	61	55	63	52	59	39	37		52.7
	MIN	30	51	45	34	35	25	26	28	32	34	34	34	25	32	17	18	18	31	47	24	16	22	25	38	29	26	24	26	21	21		28.9
BARBOURVILLE	MAX	74	63	58	54	50	49	62	66	65	50	59	63	58	50	38	25	57	64	67	43	42	56	63	63	60	63	54	52	45	44		55.2
	MIN	36	46	41	32	32	25	26	22	26	32	30	35	26	30	14	14	20	32	42	19	19	24	24	39	27	27	21	21	25	23		27.7
BAXTER	MAX	70	61	56	52	49	43	59	62	61	50	58	60	60	49	35	31	50	63	66	58	42	48	60	60	61	60	55	52	43	44		53.9
	MIN	42	53	46	31	32	26	26	26	24	30	29	32	25	27	12	12	17	30	43	19	19	23	23	39	27	27	21	21	23	23		27.6
BLAINE	MAX	74	67	55	52	52	45	61	60	55	51	56	57	60	48	34	32	54	66	70	60	39	43	64	63	59	64	55	55	42	39		54.2
	MIN	26	52	45	33	33	25	22	22	30	33	29	27	20	20	13	12	14	25	37	25	13	19	22	40	20	16	18	20	18	18		24.9
CUMBERLAND	MAX	63	58	51	47	41	58	58	56	50	60	60	57	49	43	31	54	63	67	63	40	53	60	60	60	62	56	52	42	47	47		53.6
	MIN	52	50	44	30	33	28	24	24	33	34	29	35	23	21	10	12	28	39	31	18	22	19	46	32	26	26	19	29	20	22		28.6
DEWEY DAM	MAX	70	62	55	53	49	44	56	60	55	55	55	56	56	48	34	34	56	59	68	60	37	40	61	63	51	60	50	49	41	38		52.5
	MIN	32	55	45	32	31	30	30	30	38	34	34	38	27	26	18	19	20	29	43	25	17	20	23	35	30	29	22	22	21	22		29.2
GRAYSON 5 SE	MAX	72	61	56	51	48	44	60	56	47	52	55	57	57	48	32	32	53	64	71	59	38	42	62	61	58	62	54	54	39	38		52.8
	MIN	27	52	46	32	33	24	23	23	29	34	33	38	23	29	17	15	17	28	46	23	15	19	20	37	26	25	19	20	18	17		26.9
HEIDELBERG LOCK 14	MAX	74	59	55	53	51	61	62	63	55	55	56	56	55	43	32	55	60	67	68	38	46	64	63	60	64	63	55	53	41	44		55.7
	MIN	53	49	45	33	36	25	26	27	42	39	30	44	25	26	14	19	27	38	32	19	21	21	35	40	23	28	20	30	21	19		30.2
HINDMAN 11 NNE	MAX	73	62	55	54	53	52	56	58	55	52	55	58	59	51	34	33	47	64	68	40	37	42	62	64	55	64	60	60	42	40		53.5
	MIN	28	50	45	31	31	29	25	25	34	34	30	33	24	29	15	18	26	26	38	23	18	21	26	43	24	24	21	25	26	26		28.3
HYDEN	MAX	73	63	64	54	49	44	58	60	49	49	51	61	58	50	33	34	50		67	48	37	45	61	63		62	51	51	43	40		52.4
	MIN	30	53	45	32	31	26	26	27	30	36	31	33	25	30	13	13	18	27		20	20	23	23	42		28	22	22	24	24		27.6
JACKSON	MAX	74	62	55	53	50	44	59	60	55	49	56	57	57	49	33	33	51	60	66	50	39	45	62	63	58	63	52	52	43	40		53.0
	MIN	29	57	47	34	35	28	29	28	33	41	34	35	29	30	16	17	20	29	40	23	23	23	25	44	28	28	25	25	25	24		30.0

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LONDON FAA AP	MAX	59	54	50	48	47	60	62	53	48	52	62	59	44	37	31	52	62	64	59	36	49	60	61	56	60	49	49	40	39	43		51.5
	MIN	54	45	38	32	30	27	26	30	38	32	30	28	26	12	10	22	36	47	22	20	25	26	41	32	27	26	21	24	22	19		28.9
MANCHESTER 4 SE	MAX	68	60	53	50	46	62	64	52	53	56	63	60	49	42	32	54	64	68	64	41	52	64	59	60	64	58	52	48	44	45		54.9
	MIN	54	52	44	32	37	29	25	25	33	31	29	49	24	21	8	21	29	46	31	19	21	23	38	41	24	29	20	35	22	19		30.4
MC KEE	MAX	70	60	54	51	48	49	60	62	58	52	57	58	55	48	27	32	53	60	66	37	34	51	61	62	58	54	53	44	42	43		52.0
	MIN	26	46	43	34	35	23	23	24	28	35	29	33	26	25	11	16	17	30	36	20	20	22	23	40	21	22	20	20	15	18		26.0
MIDDLESBORO	MAX	70	60	55	54	50	48	60	65	61	51	58	62	59	49	33	34	54	60	67	55	44	50	58	61	62	61	56	51	41	45		54.5
	MIN	40	53	46	30	30	26	26	26	26	29	30	35	27	31	14	16	24	36	42	18	18	24	24	45	30	28	20	20	24	24		28.7
MONTICELLO	MAX	65	59	50	52	53	65	65	59	52	57	70	63	48	42	36	59	62	66	64	41	56	64	63	59	63	55	52	40	45	46		55.7
	MIN	55	48	41	31	37	29	31	30	34	45	33	45	28	20	8	28	44	55	27	20	26	31	48	46	28	31	21	33	22	17		33.1
MOUNT VERNON	MAX	66	59	53	48	50	61	64	57	51	56	63	62	50	43	32	56	60	65	64	35	52	61	59	60	62	56	50	48	43	42		54.3
	MIN	55	47	42	33	34	29	28	29	39	39	33	44	28	20	12	28	42	36	27	22	22	33	48	36	22	25	23	33	20	20		31.6
PIKEVILLE	MAX	66	59	57	57	46	64	63	60	53	54	55	60	51	44	34	55	69	71	68	42	48	66	65	63	67	59	54	44	46	46		56.2
	MIN	55	53	48	38	37	35	28	32	45	37	36	45	29	25	18	22	29	41	35	23	20	25	35	42	30	31	25	35	32	26		33.7
SOMERSET 2 N	MAX	64	59	51	50	53	63	64	57	51	56	65	60	46	36	33	55	62	67	66	37	53	61	61	59	62	52	49	46	46	46		54.3
	MIN	53	43	40	28	33	25	27	30	35	41	31	42	22	19	12	23	37	50	25	22	21	28	36	28	22	25	19	30	19	16		29.4
STEARNS	MAX		69	50	50	51	52	60	61	63	53	56	65	53	48	26	32	54	61	66	36	39	53	61	62	55	60	51	50	51	42		52.8
	MIN	44	47	42	34	33	34	33	32	32	40	38	40	33	25	9	20	24	35	33	19	21	27	32	48	32	28	26	32	25	21		31.3
TOMAHAWK 1 WSW	MAX	73	63	55	53	51	44	57	57	55	52	52	57	60	49	33	33	51	64	70	65	38	41	64	55	55	62	52	51	41	36		53.0
	MIN	24	50	42	30	30	25	20	20	35	32	26	29	20	24	11	12	13	23	35	17	12	17	18	40	22	22	19	22	18	18		24.2
VANCEBURG	MAX	66	55	51	50	47	59	59	57	51	54	60	56	50	35	26	50	65	69	63	35	43	61	61	58	60	54	47	45	47	44		52.6
	MIN	48	46	40	37	31	20	31	34	40	41	28	41	21	22	13	15	25	44	29	21	13	19	34	31	22	22	15	29	15	18		28.2
WEST LIBERTY	MAX	75	60	55	51	50	43	61	63	55	49	56	59	55	49	33	33	56	62	65	41	38	47	63	60	65	58	54	53	40	40		53.0
	MIN	26	50	45	32	34	24	24	24	29	36	34	34	25	29	17	17	20	28	40	21	16	20	20	38	24	24	20	20	19	17		26.9
WILLIAMSBURG 1 E	MAX	68	65	58	49	53	64	66	63	58	59	64	63	58	44	36	56	65	66	65	44	54	65	64	60	64	57	52	48	45	47		57.3
	MIN	55	49	42	31	36	28	30	28	35	37	33	48	28	19	13	30	44	52	28	23	25	35	47	44	29	26	22	33	26	23		33.3

EXTREMES

HIGHEST TEMPERATURE GOLDEN POND 8 N	77	DATE	12
LOWEST TEMPERATURE 2 STATIONS	8	DATE	15
GREATEST TOTAL PRECIPITATION GOLDEN POND 8 N	6.00		
LEAST TOTAL PRECIPITATION BLAINE	1.69		
GREATEST 1 DAY PRECIPITATION OWENSBORO DAM 46	2.68	DATE	19
GREATEST TOTAL SNOWFALL CUMBERLAND	7.5		
GREATEST DEPTH OF SNOW 2 STATIONS	5	DATE	14

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SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BEAVER DAM	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FORDS FERRY DAM 50	SNOWFALL																			2.0												
	SN ON GND																			2	1	T										
HENDERSON 7 SSW	SNOWFALL														T	T				4.0												
	SN ON GND																			2	1	T										
HOPKINSVILLE	SNOWFALL														T	T				.5												
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURRAY	SNOWFALL														.5					1.0									T			
	SN ON GND														T	T				1												
OWENSBORO 2 W	SNOWFALL														T	T				3.0												
	SN ON GND																			3	2											
PADUCAH FAA AIRPORT	SNOWFALL													T	T				T	1.0												
	SN ON GND																			1												
RUSSELLVILLE	SNOWFALL														2.0					.3												
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
* * * CENTRAL 02																																
BARDSTOWN NAZARETH COL	SNOWFALL														T					T												
	SN ON GND																															
BOWLING GREEN FAA AP	SNOWFALL													T	T					T								T				
	SN ON GND																															
CAMPBELLSVILLE 2 SSW	SNOWFALL																			-												
	SN ON GND																			-	-											
IRVINGTON	SNOWFALL															T				1.0												
	SN ON GND																			-	-											
LOUISVILLE WB AP	SNOWFALL														T	T				.7									T			
	SN ON GND																			1	T	T										
	WTR EQUIV																															
MAMMOTH CAVE PARK	SNOWFALL														1.0					.3												
	SN ON GND														1					T												
MILLERSTOWN	SNOWFALL														.3	T				.3												
	SN ON GND														T	T				T												
SUMMER SHADE	SNOWFALL														4.0					T												
	SN ON GND														4	T																
* * * BLUE GRASS 03																																
BEREA COLLEGE	SNOWFALL					.1									2.7	T				.5												
	SN ON GND														2	1	T			T												
COVINGTON WB AIRPORT	SNOWFALL					T								T	.1	.3				.7									T			
	SN ON GND														T	T	T			T	T	T	T									
	WTR EQUIV																															
CYNTHIANA	SNOWFALL														T	T	T				T											
	SN ON GND														T	T	T				T											
DANVILLE	SNOWFALL														1.8	.2					T											
	SN ON GND														2	2	1				T											
FARMERS 1 WNW	SNOWFALL														.5	1.5																
	SN ON GND														1	2	1															
GEST LOCK 3	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LEXINGTON WB AIRPORT	SNOWFALL													T	1.2	T				.2												
	SN ON GND														T	T	T			T	T	T										
	WTR EQUIV																															
MAYSVILLE SEWAGE PLANT	SNOWFALL														.5	1.5																
	SN ON GND														1	2	-															
WILLIAMSTOWN 3 NW	SNOWFALL														.5	.2				.3												
	SN ON GND														1	T				T												
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL				T	T									6.5	T				1.0	T											
	SN ON GND														5	3	2	1														
DEWEY DAM	SNOWFALL														1.0	1.0																
	SN ON GND														1	2	-															
HAZARD WATER WORKS	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND														1	1	T	T														
HEIDELBERG LOCK 14	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND														-	2	1															
LONDON FAA AP	SNOWFALL														3.8	T				T												
	SN ON GND														4	2	1															
MIDDLESBORO	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MONTICELLO	SNOWFALL														4.0																	
	SN ON GND														4	-																
PIKEVILLE	SNOWFALL														T																	
	SN ON GND																															
SOMERSET 2 W	SNOWFALL														3.5																	
	SN ON GND														4	-	-															

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	Day of month																															Average
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN NAZARETH COL																																		
	4	MAX	54	55	55	56	53	55	55	53	52	51	50	52	52	51	45	45	46	50	51	50	50	46	46	46	46	46	46	46	46	45		49.8
		MIN	50	51	53	52	50	52	51	50	49	50	50	50	49	45	40	40	41	44	46	45	46	42	41	45	43	43	43	42	41	41		46.2
	20	5PM	59	58	58	57	56	56	57	56	55	55	55	55	54	55	53	52	53	51	52	50	50	50	51	50	50	50	50	49	48	47		53.1
BEREA COLLEGE																																		
	4	MAX	56	56	56	54	51	51	51	51	50	51	51	52	52	48	46	44	46	49	47	46	43	45	45	47	47	47	44	44	44	42		48.5
		MIN	54	56	54	51	51	50	49	49	50	50	51	50	48	46	43	42	44	46	46	41	41	42	45	45	45	44	43	44	41	40		46.7
	20	5PM	59	59	59	59	58	58	57	57	56	56	56	56	56	55	53	52	52	52	52	52	50	50	50	51	51	51	51	51	50	49		53.9
CAMPBELLSVILLE 2 SSW																																		
	4	MAX	56	57	57	55	53	53	54	54	52	53	54	53	53	51	47	48	47	50	50	47	45	47	46	50	50	48	48	48	44	42		50.4
		MIN	54	55	55	50	50	50	50	50	50	51	51	51	51	47	42	30	41	42	46	42	42	44	44	46	45	45	45	43	41	39		46.4
	20	6PM	57	57	57	56	56	56	55	55	55	55	55	55	55	54	52	52	50	50	50	50	49	48	49	49	49	49	49	49	48	47		52.3
CUMBERLAND GAP PARK																																		
	4	MAX	55	55	54	53	54	51	49	49	49	50	49	50	50	46	45	45	45	47	48	47	43	46	45	48	48	47	45	43	43	41		48.0
		MIN	53	54	53	50	50	47	46	45	47	46	46	46	46	40	45	42	42	44	47	42	41	41	40	45	44	44	41	43	41	40		45.0
	20	5PM	56	57	57	57	57	56	55	54	54	53	53	53	53	53	53	51	50	50	50	50	50	50	49	49	49	49	49	49	49	48		52.1
FLEMINGSBURG 1 SW																																		
	4	MAX	54	53	54	62	54	47	47	47	47	48	48	48	48	44	42	39	42	45	46	43	40	40	42	45	45	43	44	41	41	39		45.9
		MIN	51	53	51	54	46	43	43	45	45	46	45	48	44	41	37	36	39	42	43	39	37	37	39	42	41	41	39	40	39	32		42.6
	20	6PM	56	56	56	55	55	54	53	53	53	53	53	53	53	52	50	49	49	49	49	49	48	47	47	47	48	48	48	47	47	47		50.8
GLASGOW WKAY																																		
	4	MAX	57	58	57	56	56	56	56	55	55	55	55	55	55	53	51	50	50	51	51	49	48	48	49	51	51	49	48	48	47	46		52.2
		MIN	57	56	56	53	53	52	52	52	53	53	53	53	53	51	47	46	48	49	49	46	46	46	48	49	48	47	46	46	44	43		49.8
	20	6PM	58	59	58	58	57	57	57	57	56	56	56	56	56	55	53	52	52	53	52	52	51	51	51	52	51	51	51	51	50	49		53.9
GREENVILLE 2 W																																		
	4	MAX	60	59	57	55	54	55	57	57	56	55	56	56	57	52	48	45	47	51	52	47	47	48	48	50	50	51	48	44	44	43		51.6
		MIN	57	57	55	51	52	50	52	51	52	51	53	53	52	47	43	41	45	47	47	42	42	44	47	47	48	44	44	44	39	39		47.9
	20	5PM	60	69	59	59	58	58	57	57	57	57	56	57	57	55	54	52	52	52	52	51	51	51	51	49	51	51	51	51	50	49		54.5
HENDERSON 7 SSW																																		
	4	MAX	58	58	58	58	56	56	56	56	56	55	55	56	55	56	52	48	48	51	51	50	50	48	50	50	50	50	49	48	48	45		52.6
		MIN	57	58	58	56	56	55	56	56	55	55	55	55	55	52	48	48	48	48	50	49	47	48	48	50	50	49	48	47	45	44		51.5
	20	6PM	59	59	59	58	58	57	57	57	57	56	56	57	57	56	54	53	53	53	53	51	51	51	51	51	51	51	51	50	50	49		54.2
IRVINGTON																																		
	4	MAX	57	57	56	56	51	51	53	53	53	51	52	53	53	50	45	44	45	45	52	47	45	46	48	48	48	45	45	42	42	41		49.1
		MIN	55	55	54	50	50	48	49	48	48	48	51	52	50	45	40	40	44	45	45	44	43	43	46	48	43	42	41	42	39	39		46.2
	20	4PM	55	55	55	55	54	53	53	53	53	52	52	53	53	52	50	48	48	48	49	49	48	48	48	48	48	47	47	46	46	44		50.3
LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	61	61	54	51	51	59	59	57	54	54	56	54	50	41	36	48	50	54	53	38	45	50	50	54	53	53	48	43	45	41		50.8
		MIN	55	49	43	40	40	37	37	38	45	41	41	38	40	36	35	35	38	47	35	33	34	35	41	38	36	36	35	35	34	33		38.7
	2	MAX	60	59	53	49	50	56	56	54	52	53	54	53	48	43	38	46	48	53	53	38	43	48	49	52	51	50	47	43	44	40		49.4
		MIN	56	50	45	43	43	40	40	41	46	44	44	42	42	38	37	37	40	47	38	36	36	37	42	40	38	38	37	37	36	35		40.8
	4	MAX	59	58	53	49	50	54	54	53	52	53	53	53	48	44	40	44	48	52	52	40	42	46	48	50	49	48	45	43	42	40		48.7
		MIN	56	52	48	45	45	42	43	43	47	47	46	45	44	40	39	38	41	47	40	38	38	38	43	43	40	40	40	40	38	37		42.8
	8	MAX	58	57	55	52	50	52	52	51	51	52	52	53	50	48	44	44	47	51	52	45	43	45	48	48	47	47	45	44	43	41		48.9
		MIN	56	55	52	50	48	47	47	47	49	51	49	50	48	44	42	42	44	47	45	42	41	41	44	45	44	44	43	43	41	40		46.0
(SOD)	1	MAX	58	58	54	51	51	54	53	53	52	54	53	53	49	47	43	46	48	51	52	43	45	46	48	49	48	48	45	44	43	42		49.4
		MIN	55	54	51	49	48	46	45	47	49	49	48	47	47	43	42	41	43	48	42	41	39	40	45	44	42	41	40	40	39	38		44.8
	2	MAX	58	58	55	52	51	53	53	53	52	54	53	53	50	47	44	46	48	51	52	44	45	46	48	49	48	48	45	44	44	42		49.5
		MIN	56	55	52	50	49	47	47	48	50	50	49	49	47	44	43	42	44	48	44	42	41	41	45	45	43	42	41	42	40	39		45.8
	4	MAX	58	58	55	53	52	53	53	52	52	53	53	53	50	48	45	46	48	51	52	45	45	46	48	49	48	47	45	44	44	42		49.6
		MIN	56	55	53	51	50	48	48	49	50	51	50	50	48	45	44	42	45	48	45	43	42	42	45	45	44	43	42	43	41	40		46.6
	8	MAX	58	57	57	55	53	53	53	52	53	53	53	53	52	50	48	47	48	51	51	48	46	46	48	48	48	47	46	46	45	43		50.3
		MIN	56	57	55	53	52	51	50	51	52	52	52	52	50	48	46	45	46	48	48	46	44	44	46	47	46	46	45	45	43	43		48.6

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LEXINGTON CAMPUS FARM																																		
(SOD)	20	7PM	58	58	58	57	56	56	55	55	55	55	55	55	54	53	52	51	51	52	52	51	50	49	49	50	50	49	49	49	48	47		52.6
	40	7PM	61	60	60	60	60	60	59	59	59	58	58	58	58	57	57	57	56	56	56	55	55	55	54	54	54	54	54	53	53	53		56.8
MAYFIELD RADIO WNGO																																		
	4	MAX	-	-	62	64	62	64	64	64	64	62	62	62	62	54	51	53	62	62	60	52	49	48	48	62	62	54	52	-	50	51		57.9
		MIN	-	-	55	54	52	51	51	60	60	52	52	52	52	51	50	51	50	58	50	49	44	45	45	46	46	52	46	-	48	47		50.7
	20	5PM	-	-	60	60	61	61	62	61	62	60	61	61	60	58	54	54	53	53	53	53	53	51	51	52	51	50	49	-	49	48		55.6
PRINCETON 1 SE																																		
	4	MAX	57	57	57	56	54	53	55	55	55	57	55	55	55	53	50	47	48	51	56	48	46	47	48	48	49	50	48	46	45	44		51.5
		MIN	57	57	56	54	53	51	53	54	54	54	54	55	53	50	45	45	47	48	48	46	45	46	47	48	48	47	46	45	43	42		49.7
	20	5PM	59	59	59	59	58	57	57	57	57	57	57	57	55	56	54	53	53	53	53	52	52	51	51	52	52	52	52	51	50	49		54.5
QUICKSAND																																		
	4	MAX	55	55	55	53	50	49	49	49	48	49	50	49	49	49	49	47	44	51	47	49	42	45	46	48	48	46	46	44	42	41		48.1
		MIN	54	55	53	49	48	45	44	45	47	47	46	48	44	48	47	40	40	44	45	39	38	38	45	44	42	44	44	42	39	37		44.7
	20	4PM	55	56	55	55	49	52	52	46	51	51	51	51	50	50	49	47	47	47	49	47	45	45	46	46	46	47	47	46	46	40		48.8
SANDY HOOK 5 W																																		
	4	MAX	55	55	55	55	55	53	50	-	-	-	-	-	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
		MIN	53	54	53	49	49	47	46	-	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	20	6PM	55	56	56	55	50	50	53	-	-	-	-	-	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
SOMERSET 2 N																																		
	1	MAX	58	57	55	53	54	53	53	53	53	53	53	54	53	50	45	47	48	52	52	49	53	49	49	50	52	49	51	51	45	45		51.3
		MIN	55	55	53	50	51	50	50	49	51	52	50	53	50	41	44	45	46	48	49	44	41	43	44	45	44	46	44	43	38	39		47.1
	4	MAX	58	57	56	55	54	54	54	53	53	54	53	54	53	51	47	47	47	51	52	49	52	48	48	49	51	49	50	50	48	47		51.5
		MIN	57	56	55	51	53	49	49	51	50	53	49	53	51	43	46	44	45	49	48	45	44	44	46	46	46	46	46	48	40	41		48.1
	20	6PM	60	60	60	59	59	58	58	57	57	57	57	57	54	56	55	54	54	54	54	53	53	53	52	52	53	53	52	53	52	51		55.2
WILLIAMSTOWN 3 NW																																		
	4	MAX	56	57	56	55	54	52	52	51	51	52	52	52	52	50	47	44	45	49	50	48	45	45	46	47	47	46	47	45	45	43		49.4
		MIN	54	56	55	53	51	50	50	51	51	51	52	52	50	47	43	42	43	45	48	45	43	44	43	46	46	45	45	45	43	42		47.7
	20	6PM	57	58	58	57	56	55	55	55	55	55	55	55	55	54	52	50	50	50	51	50	49	48	48	49	49	49	49	49	48	48		52.3

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5 W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ↕	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS. BARBARA H. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	6P	6P			GEORGE H. POTTS
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. POWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		C GH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID O. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. OUIDA H. NEWKIRK
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA H. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		7A			OTHO KELLER
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALLAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	813		7A			DENVER BAILEY
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	630		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3395	04	CARTER	7	38 14	82 59	712		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1155		5P			BEGIE BREEDING SR.
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREFLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTHILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 18	85 55	710		7A		C	GLENN S. WILSON
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL O. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDHON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES O HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-764
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 W	7165	04	ELLIOTT	1	38 07	83 13	1105				G	WILLIAM ADKINS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL O. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. H. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILEDRO	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS M. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	650				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

↕ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index." No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE-12/31/69-840

A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY

DECEMBER 1969
Volume 64 No. 12

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CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * *																							
WESTERN 01																							
BARDWELL 4 E	42.9	26.3	34.6		60	13	17	16	934	0	2	28	0	5.00		1.50	29	12.0			8	4	1
BEAVER DAM	41.5	24.5	33.0		58	13	12	27	986	0	1	30	0	4.32		1.82	29						
FORDS FERRY DAM 50	40.5	26.8	33.7		60	13	17	27	964	0	4	29	0	3.81	.64	1.09	7		4	22	9	2	1
GILBERTSVILLE 1 SE	42.5	28.5	35.5		60	13	18	16	909	0	1	24	0	4.89		1.85	29	5.0	4	25	7	4	1
GOLDEN POND 8 N	43.5	26.8	35.2		62	14	19	28+	917	0	1	30	0	0 5.75		1.57	29	8.0			9	5	2
GREENVILLE 2 W	42.1	25.6	33.9	- 4.8	60	13	13	27	959	0	1	30	0	5.10	1.23	2.00	29		2	25	6	3	2
HENDERSON 7 SSW	39.8	26.1	33.0	- 4.7	58	13	10	27	988	0	5	28	0	3.24	- .35	1.00	29	7.3	3	25	9	2	1
HICKMAN 1 E	43.9	28.2	36.1		61	13	18	16	890	0	1	25	0	6.91		2.19	29	13.8	4	26	11	5	2
HOPKINSVILLE	42.6	25.8	34.2	- 4.6	61	14	16	27	945	0	2	29	0	6.02	2.02	1.39	30	7.0	3	26+	9	5	3
LOVELACEVILLE	43.1	26.7	34.9	- 4.3	61	13	17	27+	925	0	1	25	0	5.29	1.28	1.48	29	8.5	6	25	8	4	2
MADISONVILLE 1 SE	41.5	26.4	34.0		60	13	13	27	956	0	2	28	0	4.73		1.20	7	3.5	2	28+	9	4	3
MAYFIELD RADIO WNGO	43.5M	27.1M	35.3M		61	13	17	16	911	0			0					4.9	5	25			
MURRAY	42.9	27.8	35.4	- 4.7	62	14	19	27+	913	0	0	24	0	6.38	2.28	2.20	29	6.6	6	25	8	4	2
OWENSBORO 2 W	41.1	26.5	33.8	- 3.7	57	13	10	27	958	0	1	29	0	3.39	.14	1.13	7	4.0	2	26+	5	4	1
PADUCAH FAA AIRPORT	41.8	27.5	34.7		60	13	19	27	936	0	4	26	0	4.29		1.19	29	7.3	4	25	8	3	1
PADUCAH	42.8	28.0	35.4		61	13	19	16	908	0	1	27	0	4.63	1.04	1.39	29	5.0	2	25+	8	4	1
PRINCETON 1 SE	42.1	26.8	34.5	- 4.3	60	13	14	27	940	0	3	24	0	5.06	1.16	1.73	29	9.5	2	25	8	3	2
ROCHESTER LOCK 3	41.0	23.4	32.2		59	14	10	28	1009	0	2	30	0	4.93		1.55	30		2	26	8	3	1
RUSSELLVILLE	42.7	23.9	33.3	- 5.0	59	14	11	27	973	0	1	29	0	7.13	2.98	1.82	30		3	25	10	5	3
DIVISION			34.4	- 4.4										5.05	1.24			7.3					
* * *																							
CENTRAL 02																							
ANCHORAGE	40.0	25.3	32.7	- 3.0	53	13	18	24+	995	0	5	30	0	0 3.35	.05	1.44	7	6.3	4	26	8	2	1
BARDSTOWN NAZARETH COL	39.8	24.6	32.2		54	13	15	5	1006	0	4	29	0	4.90									
BARREN RIVER RESERVOIR	42.5	23.5	33.0		57	14	9	27	984	0	2	28	0	7.42		2.66	30	3.6	3	26	9	4	3
BOWLING GREEN FAA AP	41.5	25.9	33.7	- 5.4	56	13	11	27	961	0	2	27	0	6.11	1.77	2.29	29	3.7	2	28+	9	5	1
BRADFORDSVILLE	42.4	24.3	33.4		55	14	10	5	974	0	3	30	0			1.88	30						
CAMPBELLSVILLE 2 SSW																							
CECILIA	39.5	24.9	32.2	- 4.1	54	13	16	5	1010	0	2	29	0	5.04	1.28	1.60	29	7.4	4	25	7	2	2
CLERMONT 1 SSE	40.9	22.7	31.8		55	13	12	5	1021	0	1	30	0	4.73		1.47	7		3	26+	8	2	2
GLASGOW WKAY	40.4	25.6	33.0		54	13	8	27	985	0	4	27	0	6.16		2.42	29	4.5	3	27+	7	4	2
GREENSBURG	42.0	24.5	33.3	- 4.7	51	14	15	5	977	0	1	28	0	6.62	2.66	2.58	30	3.0	2	28+	9	3	2
HODGENVILLE-LINCOLN NP	41.2M	24.7M	33.0M		55	13	13	27	987	0	2	28	0	0 5.04		1.77	29					3	2
IRVINGTON	39.9	24.2	32.1	- 5.6	55	13	8	27	1014	0	4	29	0	3.78	.34	1.40	7		3	27+	6	2	2
LEITCHFIELD 2 N	39.8	25.4	32.6	- 5.8	53	13	7	27	999	0	4	27	0	4.66	.64	1.41	8	4.5			9	3	2
LOUISVILLE	41.6	29.0	35.3		56	13	20	24	913	0	2	23	0	3.41		1.49	7		3	25	9	2	1
LOUISVILLE WB AP R	39.9	27.0	33.5	- 2.8	55	13	19	5	971	0	4	26	0	3.69	.47	1.31	7	7.7	3	27+	8	2	1
MAMMOTH CAVE PARK	40.7	24.0	32.4		55	13	13	5	1002	0	1	29	0	6.48		2.29	29	3.0	2	27+	8	3	2
NOLIN RIVER RESERVOIR	41.7	23.8	32.8		57	14	9	27	992	0	3	28	0	5.44		1.61	30	1.5	2	27+	9	3	2
ROUGH RIVER DAM	40.6	22.5	31.6		57	14	9	27	1026	0	5	31	0	0 4.33		1.25	7	3.3			8	3	2
SCOTTSVILLE 3 SSW	41.8	27.3	34.6		57	13	13	27	937	0	1	25	0	6.70		2.58	29	5.5	3	26+	8	4	2
SUMMER SHADE	41.3	25.0	33.2		55	13	4	27	980	0	3	27	0	7.66		3.05	29	5.0	5	26	7	4	3
WOLF CREEK DAM	43.2	25.8	34.5		56	14	15	5	936	0	2	26	0	7.57		3.03	30				9	4	1
DIVISION			33.0	- 5.0										5.43	1.58			4.5					
* * *																							
BLUE GRASS 03																							
BEREA COLLEGE	41.7	26.2	34.0	- 4.8	53	7	15	5	958	0	0	27	0	6.25	2.67	2.02	29	8.6	6	28+	11	3	2
CARROLLTON LOCK 1	40.0	25.1	32.6		52	13	16	5	997	0	2	26	0	2.97	.36	.76	7	5.4	3	28+	7	3	0
COVINGTON WB AIRPORT R	36.8	24.4	30.6	- 2.7	50	7	16	5	1058	0	8	27	0	2.59	- .16	1.18	7	6.0	5	27+	5	1	1
CYNTHIANA 2	M	M	M							0	4		0			1.04	30	5.5	5	28+			1
DANVILLE	39.8	23.5	31.7		53	14	16	6+	1026	0	4	30	0	5.81	2.27	1.96	30	5.4	3	28+	9	5	1
DIX DAM	41.5	25.4	33.5		55	14	16	5	970	0	4	27	0			1.77	30					4	1
FALMOUTH 5 WNW	38.8	19.9	29.4		51	13	7	25	1096	0	4	30	0	2.42	- .62	.64	30	4.5	4	29+	6	1	0
FARMERS 1 WNW	40.3	24.4	32.4	- 4.8	53	7	11	28+	1003	0	4	28	0	4.19	.96	1.57	30	6.2	5	27+	7	3	1
FLEMINGSBURG 1 SW	38.4	23.9	31.2		52	7	12	28+	1044	0	5	27	0	4.00		1.05	29	3.1			8	3	1
FRANKFORT LOCK 4	40.3	23.8	32.1	- 4.9	54	14	15	5	1014	0	4	30	0	3.35	.24	.98	30	3.8	4	27+	8	2	0
LEXINGTON WB AIRPORT R	39.1	26.2	32.7	- 3.2	52	13	16	5	996	0	5	27	0	4.15	.70	1.42	29	5.2	4	27+	7	3	1
MAYSVILLE SEWAGE PLANT	38.7M	23.3M	31.0M	- 4.9	52	8	15	25	1047	0	2	30	0	3.40	.21	.98	30	4.7	3	29+	9	3	0
MOUNT STERLING	39.6	25.2	32.4		51	7	15	5	1002	0	3	27	0	4.59	1.01	1.26	30+		5	28+	10	3	2
OWENTON 2 S																							
RICHMOND	40.0	24.4	32.2		52	14+	13	5	1007	0	4	28	0	5.85		2.06	30	6.7	4	26	8	5	1
SHELBYVILLE	38.8	23.2	31.0	- 5.4	52	14	16	5	1046	0	4	30	0	3.89	.43	.85	30	5.1	5	27+	8	4	0
WARSAW MARKLAND DAM	38.7	22.0	30.4	- 5.4	51	14+	15	25+	1068	0	4	31	0	3.18	.29	.73	7		3	28+	8	3	0
WAYNESBURG 7 NE	40.2	25.5	32.9		52	14+	16	5	992	0	3	27	0	6.79		2.80	30	8.0			8	5	2
WILLIAMSTOWN 3 NW	38.4	23.9	31.2	- 4.3	50	13	15	5+	1041	0	5	31	0	2.44	- .57	.86	7	5.5	4	28+	6	1	0
DIVISION			31.8	- 5.3										4.12	.76			5.4					
* * *																							
EASTERN 04																							
ASHLAND	38.5	22.3	30.4	- 7.9	53	8	10	28	1065	0	4	29	0	4.43	1.60	1.12	31		6	27+	8	4	2
BARBOURVILLE	43.3	24.0	33.7		58	30	11	5	963	0	3	27	0	6.70		2.40	30				8	4	2
BAXTER	40.5	24.4	32.5		55	8	14	6+	1003	0	3	29	0	6.98		2.35	30	4.5			9	4	2
BLAINE	39.1	19.6M	29.4M		58	8	8	28	1106	0	6	30	0	5.31		1.97	30	7.5			7	4	2
CUMBERLAND	44.0	25.4	34.7		61	31	13	18+	931	0	0	26	0	7.94		4.02	30	10.5	4	26	9	4	1

See Reference Notes Following Station Index
SPECIAL WEATHER SUMMARY ON PAGE 149

CLIMATOLOGICAL DATA

Continued

KENTUCKY
DECEMBER 1969

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
DEWEY DAM	39.6	23.7	31.7		55	8	14	28	1027	0	5	29	0	0 5.97		2.00	30		5	26	7	4	2
GRAYSON 5 SE	38.7	21.1	29.9		56	8	6	28	1081	0	5	29	0	4.96		1.44	30	7.0	6	27+	7	3	2
HEIDELBERG LOCK 14 R	41.7	25.7	33.7		56	8+	11	5	963	0	3	25	0	5.80	2.52	2.13	30		4	26	8	4	2
HINDMAN 11 NNE	40.7	23.7	32.2		58	8	14	6+	1015	0	4	28	0	4.67		1.52	30	7.2	5	28+	8	3	2
HYDEN	40.4	23.8	32.1		58	8	12	6+	1012	0	3	27	0	6.57		1.91	30	8.0	6	27+	10	4	2
JACKSON	41.6	24.8	33.2		60	8	14	5	977	0	3	27	0	6.60		1.84	30	5.3			8	4	2
LONDON FAA AP	39.9	25.0	32.5		54	30+	12	5	998	0	5	27	0	5.62		1.96	30	10.8	7	27+	8	2	2
MANCHESTER 4 SE	42.6	26.4	34.5		58	8	11	5	937	0	1	25	0	6.41		2.04	30	6.5	6	27+	7	5	2
MC KEE	38.8	21.9	30.4		53	8	8	5	1064	0	5	30	0	6.55		2.37	30	7.0	7	28+	10	4	2
MIDDLESBORO	42.2	24.2	33.2		62	31	12	28	981	0	2	27	0	9.03		3.40	31				9	4	2
MONTICELLO	42.3	26.1	34.2		56	30+	13	5	945	0	3	26	0	6.65		2.13	30	6.5			8	6	1
MOUNT VERNON	41.4	25.5	33.5		54	30	11	5	971	0	1	27	0	6.90		2.50	30				9	4	2
PIKEVILLE	42.8	29.3	36.1		58	7	18	21	892	0	1	20	0	6.29	3.12	2.76	30	3.7	4	26	10	3	1
SOMERSET 2 N																							
STEARNS	40.6M	24.2M	32.4M		58	30	15	6+	1009	0	2	28	0	8.00		2.58	30				11	6	2
TOMAHAWK 1 WSW	39.6	22.3	31.0		57	8	9	28	1047	0	6	29	0	5.58		1.87	30	7.4	4	28+	8	3	2
VANCEBURG	39.1	23.3	31.2		52	7	9	2	1043	0	2	28	0	0 3.40	.29	.72	30	4.6			10	2	0
WEST LIBERTY	39.3	21.9	30.6		57	8	10	6+	1060	0	4	29	0	5.65		2.04	30		4	27+	8	3	2
WILLIAMSBURG 1 E	43.6	27.2	35.4	- 4.5	57	7	14	5	910	0	1	25	0	7.18	3.34	2.47	30	5.5	6	28+	10	5	2
DIVISION			32.5	- 6.2										6.23	2.60			6.8					

EXTREMES

HIGHEST TEMPERATURE 3 STATIONS	62	DATE	31+
LOWEST TEMPERATURE SUMMER SHADE	4	DATE	27
GREATEST TOTAL PRECIPITATION MIDDLESBORO	9.03		
LEAST TOTAL PRECIPITATION FALMOUTH 5 WNW	2.42		
GREATEST 1 DAY PRECIPITATION CUMBERLAND	4.02	DATE	30
GREATEST TOTAL SNOWFALL HICKMAN 1 E	13.8		
GREATEST DEPTH OF SNOW 3 STATIONS	7	DATE	28+

KENTUCKY - DECEMBER 1969

SPECIAL WEATHER SUMMARY

The month was mostly cloudy, cold, snowy, and wet. Temperatures were below normal about two-thirds of the days. Snowfall totals were much above average; at some locations it was the greatest December snowfall in several years, and in some sections it was the greatest December snowfall since the 1930's. Snow fell on some parts of Kentucky on several days before the 16th, and from the 21st to the end of the month snowfall or snow on the ground was the rule in most sections. The snowfall on the 25th was the heaviest for that date over much of the State since the early or middle 1930's. Rainfall was heavy during the last several days of the month. Major flooding developed on the upper Cumberland River in southeast Kentucky on December 30, and there was month-end flooding in other sections of the State.

A man was reported to have drowned in Bell County when he fell from a footbridge while observing the flood. Considerable damage resulted in the upper Cumberland River Basin, the result of flooding during which the crests were very near those during the major flooding of March 1963. News reports indicated that hundreds of families left their homes, that hundreds of homes were damaged, a number destroyed; that there was damage to roads, bridges, some mining, and other properties.

Substantial rises, to flood stage at several points, occurred on the Licking and Kentucky Rivers in east Kentucky, but damage was reported to have been relatively small. It was reported that there was some damage to homes in Perry County; that there was high water and reportedly minor damage only in other counties, some of these being Clay, Leslie, Knott, Pike, Letcher, and Magoffin. Three fatalities by drowning were reported in Magoffin County; indications were that drowning came when the victims accidentally fell into the water.

In eastern Kentucky on the Levisa Fork and Tug Fork of the Big Sandy River water levels rose to near or slightly above flood stage at a number of points. Along the Ohio River in northeastern Kentucky there were moderate rises. Only minor damage was reported.

In north-central Kentucky there were moderate rises on the Salt and Indian Rivers on the 31st, and moderate rises on the Ohio River cresting after month's end. In south-central Kentucky there were rapid rises on the Green and Barren Rivers, with stages rising above bankfull at several points. There were moderate rises on the Ohio River along the lower Ohio, cresting after month's end.

News reports indicate that damage in south-central Kentucky was relatively minor - that there was minor damage to a few low-lying homes, and blocking of some roads and bridges. No firm damage estimates from on-the-spot surveys from the December flooding were available at the time this summary was written.

Hazardous conditions existed on a number of days due to snowy and/or icy conditions. A number of injuries and several fatalities due to falls or auto accidents were reported. Freezing rain glazed surfaces and resulted in hazardous conditions several days of the month. The 18th was one of the more hazardous days due to glaze, with injuries and vehicle accidents reported from over much of the State. News reports from several sections stated that vehicle accidents were so numerous, particularly in the more heavily populated metropolitan areas, that police were unable to keep a count. A review of news reports from all sections of the State indicates that on the 18th there were several hundred injuries and several hundred vehicle accidents, exact numbers unavailable.

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Note: These notes highlight several noteworthy weather events and were compiled before data processing for this publication was completed. For further details see the accompanying tables; this month's issue of STORM DATA; this month's and the January 1970 issue of CLIMATOLOGICAL DATA NATIONAL SUMMARY (River and flood conditions).

DAILY PRECIPITATION

Station	Total	Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * WESTERN 01																																
BARDWELL 4 E	5.00						.12	.85				.07							.02			.40	.05		T	.98	.07		.60	1.50	.23	.11
BEAVER DAM	4.32						*	1.26			.02	.04				.02						.45		.04		.21	.03		.05	1.82	.33	.05
CALHOUN LOCK 2	3.63							.80	.20			.10	.05		T	.02						T	.40	.06	T	.03	.06		.04	.50	.88	.49
COBB	5.78							1.25				.12				.03				T			.52	.12		.14	.19		.22	1.25	1.52	.42
DAWSON SPRINGS	3.49						T	1.00				T				.05						T	.05	.05		.04			T	1.30	1.00	T
DUNDEE 4 ESE	4.41							1.42	.10			.08	.02			.05							.42	.06		.08	.10			.58	1.18	.32
DUNMOR	5.83						.04	1.42	.12			.16	.04			.04						.02	.39	.11		*	*	*	*	1.04	2.13	.32
ELKTON 2 S	6.30							.97	.28			.12	.04			.16				.08		.05	.45	T		.41	.36		.18	1.15	1.75	.30
FORDS FERRY DAM 50	3.81						T	1.09	.04			.09	.04			.19	.02					T	.23	.06		.17	.12		.25	.45	.70	.36
FRANKLIN 1 E	6.75							.84	.47			.15	.08			T						.14	.48	.04		.30	.42		.37	.88	2.24	.34
GILBERTSVILLE 1 SE	4.89						.11	.63				.05				.07			T			.46	.04	T		.67	T		.63	1.85	.31	.07
GOLDEN POND 8 N	D 5.75							.98	.09			.05	T			.05						.05	.50	.14		D .600	.10		.22	1.57	1.30	.10
GREENVILLE 2 W	5.10						.08	1.17				.06				.02						.66	.08	.03		.30	T		.29	2.00	.32	.09
HARTFORD 6 NW	3.52							1.06	.01			.02	T			.04				T		T	.16	.09	T	.04	.15		.04	.41	1.38	.12
HENDERSON 7 SSW	3.24						.10	.90			.01	.12				.01			T			.21	.07	.06		.23			.13	1.00	.16	.24
HICKMAN 1 E	6.91						.39	.95				.10							T		T	.61	.05	.10	T	.75	.20		1.00	2.19	.36	.21
HOPKINSVILLE	6.02						T	1.02	.05			.10	.01			.07				T		T	.53	.01		.67	.28		.24	1.26	1.39	.39
LOVELACEVILLE	5.29						.08	1.10				.14				.02						.43	.07			.83			.57	1.48	.47	.10
MADISONVILLE 1 SE	4.73							1.20				.10				.10							.48	.05		.18	.10		T	1.00	1.00	.52
MAYFIELD RADIO WNGO	-						-	-				-				-			T		T	T	.20	T		.21	.20		*	2.40	.11	.03
MURRAY	6.38							.92	.02			.08				.02				T		.35	.21			.76			.45	2.20	1.02	.35
OWENSBORO 2 W	3.39						T	1.13	.06			.08				T			T				.18	.07		.08			.06	.60	.60	.53
OWENSBORO DAM 46	3.25						T	.81	.33			.03	.05			.02			.02				.23	.08	T	.06	.08		.01	.30	.75	.48
PADUCAH FAA AIRPORT	4.29						.71	.37			.02	.15			T	.03			T		T	.30	.01	.01	.04	.48		.03	.56	1.19	.39	T
PADUCAH	4.63						.16	.92				.15				T						.35				.90			.53	1.39	.23	T
PARADISE STEAM PLANT R	5.63							.86	.42			.52	.02			.10							.59	.04	T	.11	.19	T	T	.79	1.56	.43
PRINCETON 1 SE	5.06						.20	1.08				.08				.05						.43	.07	.04		.39	.01		.57	1.73	.28	.13
ROCHESTER LOCK 3	4.93							.94	.35			.09	T			.05							.44	.03		.13	.17		.03	.76	1.55	.39
RUSSELLVILLE	7.13							1.50	.05			.28	T			.12							.61	.04	T	.45	.16		.28	1.22	1.82	.60
SEBREE	D 3.73						.15	1.07	.02			.14				T			.07			T	.35	.07		D .15	.23		.11	.94		.43
UNIONTOWN DAM 49 //	D 3.69							1.14	.04			.19	.07			.06			T			T	.400	.10	T	.25	.12		.11	.25	.56	.40
* * * CENTRAL 02																																
ADDISON DAM 45 //	3.68							.96	.50			T	.09			.05			.06	.03			.31	.07	.05	.10	.07		T	.40	.69	.30
ALBANY 4 N	7.35							.99	.27			.42	.08			.05				.05			.51			.39	.42			.75	2.47	.95
ANCHORAGE	D 3.35							1.44			.03	.12			T				.03			.15	.11	.10	.02	.20D	.05	T	T	.82	.28	T
BARDSTOWN NAZARETH COL	4.90							*	*	*	1.51	.30							.04			T	T			.05				*	*	3.00
BARREN RIVER RESERVOIR	7.42							1.00	.30				.06			.03				.03			.44	.05		.12	.34		.11	.85	2.66	1.43
BOWLING GREEN	6.28							*	1.75			.23	.05			.05							.22	.35		.05	.05		.23	.85	2.00	.45
BOWLING GREEN FAA AP	6.11						.67	.94			.18	.10	.01		T	.01			T			.54	.01	T	T	.34	T		.44	2.29	.58	T
BRADFORDSVILLE	-							1.30			*	.60							*	*	*	*	*	*	*	*	*	*	*	1.21	1.88	-
BROWNSVILLE	5.81							1.39	.27			.17	.03			.05				T			.45	.05	T	.11	.25	T	T	.95	1.73	.36
BURKESVILLE 2 W	6.81							1.06	.10			.22	T			.06						T	.54			.35	.35			.67	2.80	.66
CAMPBELLSVILLE 2 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANEYVILLE	5.28							1.47	.24			.17				.07							.49	.17		.25	.10		T	.74	1.22	.36
CECILIA	5.04						.03	1.59	.03		.05	.21			T	.05			.13			.49	.08	.05	T	.22	.02		T	1.60	.49	T
CLERMONT 1 SSE	4.73							1.47	.01		.07	.32			T	T			.03			.25	.18	.07	T	.21	.08	.06	T	1.33	.34	.31
EDMONTON	6.16							.16	.14			.15	.10			.05							.62	.07		.10	.40		.10	.60	3.05	.62
GAMALIEL 1 S	7.15						T	1.22	.15			.12	.01			.01				.02		T	.43	T	T	.40	.50	T	T	.88	2.80	.61
GLASGOW	D 6.73							1.38	.20			.28	.04			T							.62			T 0	.30	T		.78	2.75	.38
GLASGOW WKAY	6.16						T	1.50			.19	.14	.01			.01						.50	.02	.01		.37	.06		.03	2.42	.87	.03
GLENDALE 1 E	4.82							1.25	.27			.30	T			.05				T			.40	T		T	.25			.50	1.35	.45
GREENSBURG	6.62							1.11	.40			.39	.05			.05							.48	.01	T	.22	.14	.02	T	.72	2.58	.45
GREENSBURG HIWAY 61	6.77							1.18	.28			.42	.25			.05			T	T			.46	T	T	.09	.26	.02		.57	2.61	.58
HODGENVILLE-LINCOLN NP	D 5.04							1.44			.10	.20	T			D .10			T			.28		.07		*	.29		T	1.77	.65	.14
IRVINGTON	3.78						T	1.40				.09				.02			.06			.32	.04	.08		.14				1.12	.37	.14
LEITCHFIELD 2 N	4.66							.10	1.41			.19				.20			.03				.41	.03	.02	.05	.17			.54	1.16	.35
LIBERTY	6.59							.90				.55	.10			.04							.44	.02		.03	.37	.04		.38	2.94	.78
LOUISVILLE	3.41							1.49			T	.10	T						T			.15	.16	.11		.22				.80	.25	.13
LOUISVILLE WB AP R	3.69			T			.10	1.31			.03	.06			T	T			.02			.40	T	.17	T	.28	.02	T	.11	.80	.37	.02
LOUISVILLE UPPER GAGE	3.49							.88	.58			.03	.07						T	.05			.33	.03	.04	.03	.24	T	T	.20	.73	.28
MAMMOTH CAVE PARK	6.48						.01	1.66	T		.05	.14				.04	T					.32	.31	T		.37	.05		.04	2.29	.92	.28
MILLERSTOWN	5.11							1.32	.26			.20	T			.03				.05			.52			.10	.22	.01		.77	1.27	.36
MUNFORDVILLE	6.77							1.69			T	.30				.10			T			T	.50	T	T	.50	.50		T	2.30	.88	T
NOLIN RIVER RESERVOIR	5.44							1.25	.20		T	.15	.05			.05							.45	.04		.10	.25		T	.87	1.61	.42
ROUGH RIVER DAM	D 4.33							1.25	.13			.11	.03			.08	T		T				.45	T	T	.050	.15		.05	.50	1.15	.38
SCOTTSVILLE 3 SSW	6.70							1.18				.24	.08			.03			.08			.30	.18			.67			.38	2.58	.93	.05
SCOTTSVILLE 2 SW	7.05							1.25	.10			.20	.05			.02						T	.53			.60	.25			1.25	2.45	.35
SHEPHERDSVILLE	4.27							.90	.45			.20	.02			T							.05	.10	.08	.10	.30		.05	.20	1.50	.32
SUMMER SHADE	7.66						T	1.40			.18	.08	T			.04			.04			.42	.08			.62	.11		.07	3.05	1.57	
WOLF CREEK DAM	7.57							.99	.17			.49				.03				.08		T	.45			.35	.48			.65	3.03	.85
WOODBURY LOCK 4	5.24							1.20	.32			.15	.02			.03							.41	.04		.10	.23		.03	.87	1.54	.30
* * * BLUE GRASS 03																																
BEREA COLLEGE	6.25							.56	T		.36	.31	.02		T				T		.11	.30	.11	.07		.20	.15	.04	.04	2.02	1.78	.18
BEREA	5.86							.48	.12			.64	.06			T						T	.40		.03	T	.34			.28	2.32	1.19
CARROLLTON LOCK 1	2.97							.76	.58			.04	.03						T				.26	.07	.07	.10	.13	.02		.08	.52	.31
COVINGTON WB AIRPORT R	2.59			T			T	1.18			.01	.09	T	T	T	T			.03	T	T	.09	.02	.20	T	.14	.01	T	T	.49	.25	.08
CYNTHIANA	3.47				T			.63	.29			.27	.09			T	T		T	T			.32	.01	.10	T	.20	T		.11	.94	.51
CYNTHIANA 2	-							-	-				.50						T				D .15	.05		.05D	.25			.02	1.04	.54
DANVILLE	5.81							.75	.21			.58	.15			T				T			.40	.01	.02	.02	.30	.02	.01	.60	1.96	.78
DIX DAM	-							.88	.03			.46	.08						T				-	-	-	-	-			.60	1.77	.57
FALMOUTH 5 WNW	2.42				.03			.43	.38			.32	.07			T			T	.03		T	.24	T	.03	.04	.17	T		T	.64	.04
FARMERS 1 WNW	4.19							.52	.16				.09							T			.42		.07	.03	.26			.11	1.57	.96
FLEMINGSBURG	4.14				.01			.62	.35			.38	.17			T			T				.33	.03	.05	.06	.15	T		.12	1.10	.77
FLEMINGSBURG 1 SW	4.00			T				.92	.02		.22	.29	.04		T				T			.23	.07	.08	T	.18		T		1.05	.64	.26
FORD LOCK 10	4.80							.18	.16			.49	.14			T				T			.37	T	.06	T	.44	T		.34	1.78	.84
FRANKFORT LOCK 4	3.35							.59	.28			.33	.03						T				.21	.04	.02	T	.22			.21	.98	.44
GEORGETOWN WATER WORKS	4.01							.80	.09			*	.46										.28	T	T	T	.45			T	1.41	.52
GEST LOCK 3	3.20				T			.65	.40			.21	.05						T	T			.27	T	.03	T	.16	T		.14	.75	.54
HIGH BRIDGE LOCK 7	4.85							.65	.22			.47	T						T				.44	.01	.03	T	.26	.02		.42	1.81	.52
KEENE 1 SSW	4.11							.82	.08			.46											.36			*	.37	T		.68	.98	.36
LA GRANGE 1 ESE	3.57			T	T			1.34		.01	.04	.08			T				.03			.23				.49	T		.03	.86	.35	.11
LANCASTER	6.91							*	.82			.72	.15										.41			*	.58			.61	2.43	1.19
LEXINGTON WB AIRPORT R	4.15			T			.08	.74			.35	.15			T	T			.03		T	.30	.02	.06	T	.21	T	T	T	1.42	.79	T
LITTLE HICKMAN LOCK 8	5.51							.66	.25			.55	.09							.02			.43				.34			.57	1.82	.78
LOCKPORT LOCK 2	3.28							.61	.57			.22							T	T			.30	.03	.05	.03	.19			.02	.86	.40
MAYSVILLE SEWAGE PLANT	3.40				.05			.64	.25			.20	.09			T	T		T	.05	T	T	.11	T	.15	T	.18	T		.10	.98	.60
MIDWAY	4.02							.72	.23			.37		.04									.20	.20			.26			.18	1.27	.55
MOUNT STERLING	4.59				T		.13	.59			.21	.34			T				T			.26	T	.21		.22	.11			1.26	1.26	T
OWENTON 2 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RICHMOND	5.85							.60	.08			.60	.10			T				T	T		.43	.05	T	.02	.33	T		.64	2.06	.94
SALVISA LOCK 6	5.08							.79	.32			.45	.09			T			.04	.03			.47	.06	.05	T	.24	.02		.31	1.59	.62
SHELBYVILLE	3.89				T			.75	.55			.31	.05						T	T			.32	.06	.02	.01	.20	T		.24	.85	.53
SPRINGFIELD	D 4.85							.85	.37			.33	T										.29	.16	T	D .10	.15			.58	1.63	.39
TAYLORSVILLE	4.29							.85	.44			.38	.06	.03					.02	T			.34	.06	.04	.08	.25	.02	T	.31	1.02	.39
TYRONE LOCK 5	4.18							.66	.31			.36	.07			T			T	.04			.35	.06	.01	T	.17	T	T	.20	1.44	.51
VALLEY VIEW LOCK 9	4.86							.52	.22			.47	.04				T		T	T		T	.42	T	T	T	.30	T		.45	1.76	.68
WARSAW MARKLAND DAM	3.18							.73	.65			.07	.12						T	T			.24	.03	.12	.03	.33			.07	.50	.29

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAYNESBURG 7 NE	6.79							.63	.23			.58	.08										.52			T	.41	T		.46	2.80	1.08
WILLIAMSTOWN 3 NW	2.44			T				.86	.01		.07		.01		T	T			.04			.13	.06	.03	T	.12	.01		T	.45	.45	.20
* * *																																
EASTERN 04																																
ASHLAND	4.43				T			.60	.03			.62	.09		.01	.15	T						.33		T	T	.30	T		.14	1.04	1.12
BARBOURVILLE	6.70							.32	.08			.59	.18			T				.08			.40				.68	.02		.43	2.40	1.52
BAXTER	6.98							.48	.28			.69	.09		T	T	T			.14			.33	T	.08	T	.68	T		.26	2.35	1.60
BLAINE	5.31							.57				.53				.03							.44		.13		.33				1.97	1.31
BUCKHORN	6.41							.45	.05			.45	.09	T		T	T			T	T		.44	T	T	.10	.60	.05	T	.25	2.08	1.85
BURDINE 2 NE	7.12							.20	.30			.70	.25			T							.60				.65	.10	.10	.12	2.10	2.00
CLAY CITY 1 WNW	5.71							.54	.10			.60	.12										.48		.10		.30	.02		.40	1.85	1.20
COLLEGE HILL LOCK 11	5.22							.47	.03			.57	.08							T			.39	T	.03	T	.24	T	T	.47	1.95	.99
CUMBERLAND	7.94	T			.04			.83	.01		.67	.18	.06	T	.04	T	T		.08			.04	.05	.30	.05	.41	.21	.04	T	.55	4.02	.36
CUMBERLAND FALLS ST PK	6.38						.10	.37	.01		.56	.12				.08	.09					.30				.90			.10	1.75	1.90	.10
DEWEY DAM	D 5.97				T			.35	.12	T		.71	.06	T		T				T	T		.60		T	.08	.45D	.04	T	.06	2.00	1.50
ELKHORN CITY	6.16							.32	T	.06		.76	.15			.01					T	T	.65	.06	.10	.07	.48	.04	T	.15	1.55	1.76
FISHTRAP RESERVOIR	6.87				T			.32	.10	T	T	.85	.26		.01	T				.01			.54	T	.19	T	.56	T		.15	1.90	1.98
FREEBURN 2 SW	6.82				.01	T		.40	.09	.02		.90	.20			.10	T			.30			.34	.16	.04	.02	.49	.03	T	.02	1.75	1.95
FRENCHBURG	8.30							.60				.60											.60		.40	.40	.80			1.60	2.50	.80
GRAYSON 5 SE	4.96				.03	T		.49	.15			.63	.06		T	T	.02			T			.40	T	.09	T	.33	T		.03	1.44	1.29
GRAYSON RESERVOIR	4.52				T			.62	.03			.56	.05	.01	.03	.03					T		.16		.02		.35			T	1.45	1.21
HAZARD WATER WORKS	7.05							.37	.21			.84	.30										.53				.71			.22	2.05	1.82
HEIDELBERG LOCK 14 R	5.80							.47	T			.67	.05			T							.50	T	.10	T	.39	T		.21	2.13	1.28
HINDMAN 11 NNE	4.67							.40				.21	.10										.12		.06	T	.61			.30	1.52	1.35
HYDEN	6.57					T		.39	.10			.68	.19	T						.01			.35		.11	T	.76	.04		.29	1.91	1.74
JACKSON	6.60							.45				.68	.06										.48		.40	T	.41			.65	1.84	1.63
JEREMIAH	6.71							.50	.03		.62	.27	.15	T		T	T					.20	.27	T	.09	.30	.37	.02		.55	2.82	.52
LLOYD GREENUP DAM	3.59				T			.45	.18			.51	.06		.01	.05	T			T			.25	T	.09	.02	.04	T		T	.98	.95
LONDON FAA AP	5.62				T		.08	.38	T		.31	.07	.02		T	T			.02			.48	.01	.11	T	.41	.10	T	.07	1.60	1.96	T
LOUISA 2	5.31				.02	T		.48	.06			.65	.10		T	.01				T		.02	.36	.04	.20	T	.30	T		.02	1.72	1.33
MANCHESTER 4 SE	6.41							.39	T			.50								T			.46				.60			.62	2.04	1.80
MARTIN	5.86				T	T		.40	T			.69	.16							T			.58	T	.10	T	.60			.14	1.73	1.46
MC KEE	6.55				T			.48	.14			.69	.10	T						.02			.60	T	.10	T	.38	.01	T	.33	2.37	1.33
MIDDLESBORO	9.03							.49	.16		T	.60	.08	T						.10			.39		T	.02	.76	T	T	.27	2.76	3.40
MONTICELLO	6.65							.85	.08			.58	.10			.08				.04			.48				.70	T		.65	2.13	.96
MOUNT VERNON	6.90							.59			.55	.33			T				T			.25	.24			.39	.18		T	1.79	2.50	.08
ONEIDA	5.71							.40				.45	.07							.02			.35				.48			.30	2.00	1.64
PAINTSVILLE 1 S	5.22							.15	.40			.46			T	T						.08	.14				.56			.20	1.80	1.43
PIKEVILLE	6.29			T	T			.49	.02		.58	.20	.06		.07				.02		T	.31	.38	.06	T	.16	.21	T		.77	2.76	.20
PINEVILLE 4 NW	6.65							.36	.14			.66	.13							.15			.33		.05		.74	.05		.43	2.14	1.47
RAVENNA LOCK 12	5.77							.41	.08			.63	.06				T			T		T	.40	T	.05	T	.25	T		.29	2.22	1.38
SALYERSVILLE 2 SE	4.02							.41				.57											.46				.46				2.00	.12
SOMERSET 2 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STEARNS	8.00							.54	.12			.46	.20			.10				.10			.50		T	T	.85			.85	2.58	1.70
TILFORD	-						T	.68	.02		.84	-	-		.13				-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOMAHAWK 1 WSW	5.58				T			.47	T			.78	.08		T	T			T			T	.10	.45	.10	T	.30	.03		.04	1.87	1.36
VANCEBURG	D 3.40			.01	.03			.55	.19		.26	.28	.07		.07	T		T	T			D .20		D .05	.10D	.20		T		.25	.72	.42
WEST LIBERTY	5.65				T			.48	.04			.74	.15			T				T	T		.41	T	.12	T	.32	T		T	2.04	1.35
WILLIAMSBURG 1 E	7.18							.42	.13			.50	.15							.18			.37				.80			.53	2.47	1.63
WILLOW LOCK 13	6.40							.46	T			.72	.08										.45	.23	.27	.19	.35	T		.28	2.12	1.25

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages- percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time EASTERN												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	01	07	13	19	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
COVINGTON WB AIRPORT	31	2.3	9.9	29++	24	07	73	77	66	71	11	7	4	0	1	0	23	-	8.3
LEXINGTON WB AIRPORT	28	1.9	9.4	23++	23	07	75	77	65	69	9	4	4	2	1	0	20	-	7.9
LOUISVILLE WB AIRPORT	31	2.6	8.9	31	SW	07	74	75	62	64	6	5	6	1	1	0	19	43	7.7

DAILY TEMPERATURES

Station		Day of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
WESTERN 01																																	
BARDWELL 4 E	MAX	51	55	51	44	46	44	46	46	49	52	46	41	60	53	38	39	44	55	45	38	34	34	39	33	38	37	32	36	37	34	32	42.9
	MIN	24	20	29	23	19	35	38	25	23	29	37	29	25	31	29	17	18	25	21	21	30	29	31	24	28	18	19	29	32	30	27	26.3
BEAVER DAM	MAX	48	52	48	40	41	43	49	46	48	44	42	39	58	55	35	40	44	50	48	35	35	34	39	33	35	35	30	34	35	35	35	41.5
	MIN	31	16	32	18	15	27	36	29	21	28	32	22	22	31	28	14	15	22	28	21	20	28	29	22	26	25	12	25	32	25	29	24.5
FORDS FERRY DAM 50	MAX	48	58	47	37	42	42	47	45	50	47	41	34	60	50	33	38	42	53	43	32	33	33	38	30	34	33	30	35	34	33	32	40.5
	MIN	25	25	33	23	23	32	33	29	28	32	32	29	28	32	23	20	21	29	24	21	30	28	25	22	29	20	17	27	32	30	29	26.8
GILBERTSVILLE 1 SE	MAX	51	54	50	44	44	44	44	46	44	49	41	41	60	57	37	37	43	54	50	39	35	35	41	33	36	34	32	37	37	34	33	42.5
	MIN	33	22	32	25	27	34	34	28	28	33	38	30	29	35	29	18	19	30	24	22	30	28	32	24	30	25	20	30	33	31	29	28.5
GOLDEN POND 8 N	MAX	54	53	54	48	45	42	50	43	47	49	49	44	39	62	43	36	42	45	53	45	36	38	43	43	32	35	37	33	36	35	36	43.5
	MIN	29	25	27	25	25	31	33	32	28	29	31	30	28	31	31	21	21	22	25	22	22	29	29	23	23	28	19	19	31	32	30	26.8
GREENVILLE 2 W	MAX	50	54	49	43	40	43	49	46	51	49	42	38	60	56	35	40	44	51	48	39	34	34	40	33	35	33	32	34	35	34	34	42.1
	MIN	28	18	32	20	17	29	37	28	23	32	32	23	22	32	29	14	17	25	23	22	22	28	30	23	28	27	13	27	32	31	30	25.6
HENDERSON 7 SSW	MAX	49	54	47	40	39	41	47	45	48	46	40	33	58	50	32	39	44	51	40	33	33	34	36	29	35	31	29	33	33	33	32	39.8
	MIN	32	23	34	22	23	31	38	30	28	33	32	21	24	32	28	20	20	29	22	21	23	26	26	13	26	23	10	25	32	32	30	26.1
HICKMAN 1 E	MAX	52	56	50	40	49	44	46	47	49	46	46	40	61	58	41	40	46	54	52	42	35	35	42	34	36	36	37	40	40	34	32	43.9
	MIN	35	26	35	28	20	31	38	26	25	28	38	27	30	39	30	18	20	27	22	22	29	29	30	25	27	27	22	29	33	30	27	28.2
HOPKINSVILLE	MAX	50	52	53	51	41	43	48	48	48	48	45	41	36	61	41	37	38	45	50	45	35	38	41	42	32	37	35	32	36	36	35	42.6
	MIN	23	23	23	22	22	28	33	30	26	26	37	30	25	29	30	20	20	21	25	22	24	29	29	24	23	28	16	19	31	32	30	25.8
LOVELACEVILLE	MAX	53	55	52	45	46	44	45	47	53	51	44	41	61	54	36	39	47	56	48	37	33	37	39	33	35	36	33	36	35	33	31	43.1
	MIN	28	20	33	22	20	35	34	25	23	29	37	29	25	35	30	17	18	25	21	21	30	29	30	24	30	21	17	29	33	30	27	26.7
MADISONVILLE 1 SE	MAX	50	53	49	42	41	43	47	42	49	45	41	41	60	55	34	39	45	52	44	35	34	37	40	33	34	32	31	34	35	34	34	41.5
	MIN	34	22	34	21	19	31	37	30	25	31	30	24	23	31	29	18	19	25	26	23	23	27	29	20	28	26	13	28	32	31	29	26.4
MAYFIELD RADIO WNGO	MAX	50	56	51	41	44			47	48	52	41	40	61	58	40	42	45	53	50	41	36	34	39	34	34	36			35	34	33	43.5
	MIN	28	19	37	22	26			27	27	38		30	32	39	25	17	18	24	23	29	29	20	31	24	24	25			33	31	27	27.1
MURRAY	MAX	50	51	53	51	39	43	47	45	46	49	49	41	41	62	46	35	39	46	51	43	35	38	43	41	35	35	37	35	37	35	33	42.9
	MIN	34	25	34	24	21	32	38	27	26	31	37	31	27	40	33	19	20	28	24	22	23	29	29	23	25	26	19	22	33	31	29	27.8
OWENSBORO 2 W	MAX	50	53	45	41	40	43	47	47	51	46	43	40	57	50	35	40	43	49	40	35	33	37	36	32	36	35	33	34	35	34	34	41.1
	MIN	32	22	32	20	20	32	37	30	28	33	30	22	26	32	30	19	21	32	27	22	23	27	28	18	26	26	10	26	32	31	28	26.5
PADUCAH FAA AIRPORT	MAX	51	55	50	40	45	43	46	47	49	53	41	41	60	48	36	39	45	55	44	32	34	34	39	32	35	35	33	36	35	32	30	41.8
	MIN	31	25	30	24	21	33	30	27	25	30	34	27	33	34	24	20	22	34	26	22	32	28	27	24	30	20	19	31	32	29	27	27.5
PADUCAH	MAX	51	56	51	44	44	42	46	47	49	52	48	40	61	56	37	36	44	55	48	39	33	34	39	33	35	34	32	36	36	35	33	42.8
	MIN	32	23	35	24	21	32	37	28	26	31	37	28	24	35	28	19	21	28	28	22	29	28	32	24	30	23	21	30	32	31	28	28.0
PRINCETON 1 SE	MAX	48	54	50	43	43	43	46	47	49	47	45	40	60	55	35	39	45	52	50	39	34	33	39	32	35	33	32	36	36	33	32	42.1
	MIN	31	20	33	21	20	33	36	34	29	32	34	26	24	33	28	16	19	28	23	21	26	24	30	21	29	27	14	27	33	30	28	26.8
ROCHESTER LOCK 3	MAX	45	49	53	46	39	40	46	49	47	48	43	41	35	59	42	34	38	43	50	42	34	35	37	41	31	34	33	32	35	36	35	41.0
	MIN	22	20	21	21	17	23	33	29	23	23	31	26	23	29	29	16	11	12	22	23	24	30	29	23	24	29	11	10	28	32	31	23.4
RUSSELLVILLE	MAX	49	50	51	49	40	41	50	49	45	48	43	42	35	59	40	34	39	46	48	45	45	39	43	42	34	35	37	32	39	39	36	42.7
	MIN	24	19	20	20	17	26	35	28	23	19	35	22	22	29	30	16	16	18	24	22	23	30	30	23	23	29	11	16	30	32	30	23.9
* * *																																	
CENTRAL 02																																	
ANCHORAGE	MAX	48	50	47	39	42	44	49	45	48	44	39	38	53	51	39	38	41	45	42	34	36	34	35	32	32	32	30	32	34	34	34	40.0
	MIN	29	20	31	22	18	29	34	32	24	30	32	22	24	32	27	21	23	26	27	18	21	26	23	18	20	25	20	22	30	32	27	25.3
BARDSTOWN NAZARETH COL	MAX	46	45	42	39	38	44	49	45	47	43	40	38	54	49	40	38	40	46	42	39	35	33	38	32	32	31	36	32	34	34	34	39.8
	MIN	31	20	30	20	15	25	35	38	22	29	30	23	25	26	23	20	21	23	25	22	19	25	23	20	24	20	20	21	31	29	27	24.6
BARREN RIVER RESERVOIR	MAX	48	51	50	48	37	41	51	52	47	48	44	44	37	57	47	34	39	45	46	44	39	38	38	42	32	34	33	31	38	47	37	42.5
	MIN	18	17	18	21	15	21	34	30	23	27	36	29	23	27	29	17	14	16	20	19	24	31	30	24	25	29	9	11	28	34	30	23.5
BOWLING GREEN FAA AP	MAX	51	49	49	38	41	44	51	46	48	43	43	39	56	51	33	41	45	46	44	35	38	35	42	31	34	36	30	36	43	37	33	41.5
	MIN	30	21	32	20	17	28	38	28	22	32	34	26	23	31	24	18	18	22	25	24	29	31	28	24	30	14	11	26	34	33	31	25.9
BRADFORDSVILLE	MAX	47	47	49	48	41	44	51	51	48	52	43	43	46	55	38	36	40	43	44	43	37	36	39	40	31	34	32	32	42	45	37	42.4
	MIN	20	14	24	20	10	24	38	31	29	27	31	28	20	28	27	18	20	18	27	25	16	29	27	22	23	27	22	22	32	23	31	24.3
CAMPBELLSVILLE 2 SSW	MAX																																
	MIN																																
CECILIA	MAX	47	48	45	38	40	45	49	44	46	39	40	38	54	51	34	37	40	45	44	36	34	34	37	31	34	33	28	33	34	34	33	39.5
	MIN	29	17	30	20	16	28	36	29	23	30	36	22	24	31	26	18	19	22	24	24	20	26	21	21	24	26	19	19	32	32	29	24.9
CLERMONT 1 SSE	MAX	49	49	49	41	39	45	50	46	48	48	39	38	55	54	39	39	41	45	46	37	34	35	37	34	33	33	31	33	34	34	34	40.9
	MIN	23	15	31	15	12	25	34	30	18	27	32	20	22	31	27	14	17	18	19	18	15	27	20	19	22	25	19	21	30	31	28	22.7
GLASGOW WKAY	MAX	49	49	45	37	39	44	48	45	46	43	43	37	54	52	31	38	41	44	43	35	36	33	40	32	34	32	29	37	45	38	34	40.4
	MIN	27	18	30	19	17	30	38	29	23	34	37	27	24	30	28	16	17	22	23	22	25	29	26	23	28	27	8	22	32	33	30	25.6
GREENSBURG	MAX	46	50	50	47	40	41	48	50	48	49	43	43	40	51	41	34	40	44	45	43	38	38	36	41	34	35	34	31	38	45	38	42.0
	MIN	20	18	19	20	15	19	34	32	22	23	33	27	24	26	30	17	17	18	28	25	22	31	27	24	24	28	22	22	28	34	32	24.5
HODGENVILLE-LINCOLN NP	MAX	48	50	48	42	39	44	49	45	48	45	42	38	55	53	34	37	41	44	45	37	35	35	37	38		35	29	35	36	35	36	41.2
	MIN	23	18	24	17	14	29	37	28	24	30	37	22	25	31	27	15	18	22	27	24	21	28	24	22		25	13	22	32	33	29	24.7
IRVINGTON	MAX	48	48	50	44	39	39	49	45	48	49	40	38	55	48	33	38	40	46	46	36	33	33	36	33	31	32	28	32	34	33	34	39.9
	MIN	28	15	29	18	13	29	36	30	22	30	33	20	25	32	27	13	15	21	24	23	19	29	27	20	23	27	8	22	31	32	28	24.2
LEITCHFIELD 2 N	MAX	48	50	50	38	40	43	50	45	47	41	40	37	53	50	32	38	42	47	40	32	34	34	38	31	34	33	28	34	35	35	34	39.8
	MIN	33	17	32	20	15	27	37	29	21	31	36	27	23	32	26	17	17	21	25	24	21	30	27	23	26	24	7	24	32	33	30	25.4
LOUISVILLE	MAX	50	51	51	44	41	44	50	45	49	49	42	39	56	55	40	39	42	46	46	37	35	36	36	34	32	33	30	34	34	36	35	41.6
	MIN	36	26	36	29	23	33	36	35	29	34	36	25	27	33	30	27	28	29	30	24	25	30	27	20	24	27	21	25	31	32	32	29.0
LOUISVILLE WB AP	MAX	46	50	49	39	40	45	51	44	48	41	40	36	55	51	40	38	42	46	41	34	35	34	36	29	32	31	28	33	34	35	34	39.9
	MIN	30	21	31	26	19	30	37	28	25	33	33	24	25	34	26	22	23	25	28	22	25	28	25	21	24	26	22	26	32	34	31	27.0
MAMMOTH CAVE PARK	MAX	47	48	45	40	38	44	50	44	47	43	41	38	55	52	33	39	43	46	45	37	37	33	39	33	34	33	30	35	42	37	34	40.7
	MIN	27	17	28	21	13	27	31	25	21	28	37	24	33	32	22	14	16	23	22	23	22	21	25	22	26	23	17	20	25	31	29	24.0

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOLIN RIVER RESERVOIR	MAX	49	50	50	46	39	40	49	50	47	48	42	42	38	57	42	33	39	42	48	42	45	36	36	40	31	35	32	32	36	40	36	41.7
	MIN	29	19	31	18	10	26	36	29	21	21	34	25	23	27	29	14	15	20	25	24	21	30	26	24	22	28	9	11	28	33	30	23.8
ROUGH RIVER DAM	MAX	50	50	51	46	40	40	45	49	47	49	42	39	37	57	40	32	40	44	48	41	34	34	34	32	29	34	32	30	35	35	44	40.6
	MIN	21	19	18	19	15	20	32	29	24	23	32	22	21	27	28	15	16	16	25	22	21	29	27	22	22	27	9	12	27	30	29	22.5
SCOTTSVILLE 3 SSW	MAX	48	50	47	42	40	49	44	45	46	44	43	40	57	52	36	37	42	45	45	40	38	36	40	35	34	34	29	35	46	40	36	41.8
	MIN	31	20	31	20	20	32	38	31	27	37	38	27	24	36	28	18	21	28	25	23	26	28	30	23	28	26	13	23	33	33	29	27.3
SUMMER SHADE	MAX	49	50	48	42	40	45	50	45	47	42	44	38	55	53	32	38	44	44	41	37	37	34	40	31	34	33	31	36	45	40	35	41.3
	MIN	24	18	28	21	15	25	38	29	24	31	37	28	23	31	27	16	18	22	21	18	22	26	27	24	28	26	4	25	34	34	30	25.0
WOLF CREEK DAM	MAX	47	50	50	48	40	41	55	54	48	50	44	42	42	56	34	41	43	45	45	44	41	40	41	44	33	30	33	31	40	48	40	43.2
	MIN	21	18	21	21	15	25	37	37	25	30	38	22	23	29	19	19	20	29	29	20	20	31	26	26	26	29	23	23	29	37	33	25.8
* * *																																	
BLUE GRASS 03																																	
BEREA COLLEGE	MAX	44	46	45	39	41	47	53	46	48	42	42	39	50	48	36	36	39	42	41	40	40	33	38	36	34	36	33	37	49	47	46	41.7
	MIN	32	19	32	18	15	30	36	35	24	32	34	25	24	31	29	20	21	22	29	28	20	27	26	20	23	25	21	19	31	33	30	26.2
CARROLLTON LOCK 1	MAX	47	48	47	40	38	41	51	47	47	47	40	39	52	51	38	37	41	44	43	34	37	34	35	33	30	34	29	33	34	35	34	40.0
	MIN	32	18	28	20	16	30	34	33	21	30	35	23	25	34	25	21	22	20	30	17	18	27	24	19	18	25	20	21	30	33	29	25.1
COVINGTON WB AIRPORT	MAX	40	46	39	36	38	38	50	42	46	40	39	33	48	47	37	34	39	40	35	31	37	32	31	25	28	30	29	31	34	34	33	36.8
	MIN	26	18	26	17	16	26	34	29	25	28	33	24	25	33	26	19	22	24	27	21	21	22	22	21	21	21	21	21	31	33	24	24.4
CYNTHIANA 2	MAX												42	35	52	39	38	37	42	46	40	37	36	35	37	29	29	31	29	33	35	35	
	MIN												24	24	25	23	18	20	17	29	16	14	28	15	20	15	24	20	14	24	32	28	
DANVILLE	MAX	45	47	47	44	37	42	47	51	44	48	39	42	35	53	39	36	37	40	44	40	34	35	31	37	29	35	31	30	35	44	35	39.8
	MIN	23	20	20	21	16	16	29	34	23	23	32	27	24	24	29	19	19	22	26	20	18	28	22	20	20	25	20	20	25	32	30	23.5
DIX DAM	MAX	45	47	47	42	49	49	51	49	47	46	41	39	54	55	38	37	40	43	43	40	32	34	37	35	30	31	28	37	45	40	35	41.5
	MIN	22	19	29	20	16	28	35	33	24	30	36	23	23	30	29	20	23	23	24	23	20	27	26	20	24	26	21	22	33	32	25	25.4
FALMOUTH 5 WNW	MAX	42	47	44	36	38	39	50	47	45	38	41	37	51	50	39	37	42	42	37	34	38	35	36	32	29	32	34	31	34	34	33	38.8
	MIN	20	10	27	8	9	23	27	27	17	26	35	22	20	31	24	13	15	14	22	19	11	25	22	16	7	15	15	11	28	31	28	19.9
FARMERS 1 WNW	MAX	43	47	44	38	41	42	53	51	42	41	43	40	52	52	39	38	41	43	44	42	36	33	33	26	30	30	29	34	38	42	43	40.3
	MIN	32	12	29	15	11	22	34	35	21	30	36	27	22	32	32	26	21	18	30	25	17	24	24	17	16	23	21	11	30	31	31	24.4
FLEMINGSBURG 1 SW	MAX	42	44	42	33	38	40	52	50	43	39	40	39	49	48	37	35	40	38	41	35	37	32	36	36	27	30	29	32	35	35	36	38.4
	MIN	30	13	28	18	12	24	35	35	21	29	36	25	23	32	26	22	21	30	29	20	16	24	14	18	12	24	19	12	30	33	29	23.9
FRANKFORT LOCK 4	MAX	47	46	48	45	40	41	45	51	46	45	40	41	37	54	41	42	40	44	45	40	34	35	36	38	28	31	32	32	34	35	36	40.3
	MIN	22	17	18	21	15	16	31	35	22	22	30	25	24	26	32	25	21	20	31	24	18	28	18	20	21	24	22	22	25	32	31	23.8
LEXINGTON WB AIRPORT	MAX	44	47	42	37	40	46	51	45	47	40	42	36	52	50	38	37	40	44	38	32	37	34	37	28	30	31	27	34	38	35	33	39.1
	MIN	27	19	30	19	16	30	37	29	25	28	36	25	25	32	27	23	23	25	27	22	24	26	27	21	25	25	22	23	33	33	29	26.2
MAYSVILLE SEWAGE PLANT	MAX	44	41	45	42	33	40	41	52	40	44	40	42	35	50	40	39		40	42	38	34	39	33	37	31	30	33	33	33	35	35	38.7
	MIN	25	18	18	20	16	16	25	36	24	24	31	29	24	24	28	23		25	27	24	20	26	18	20	15	22	21	17	22	30	30	23.3
MOUNT STERLING	MAX	43	44	44	39	40	43	51	50	46	42	41	39	49	50	38	36	40	40	43	38	37	33	35	35	30	31	30	33	36	36	36	39.6
	MIN	31	17	29	18	15	26	33	35	24	31	36	24	23	33	26	25	22	21	27	23	19	28	24	19	19	23	20	18	29	32	30	25.2
OWENTON 2 S	MAX																																
	MIN																																
RICHMOND	MAX	44	47	46	46	36	39	49	52	45	46	40	43	37	52	38	40	38	42	43	43	34	35	34	35	27	31	32	32	34	43	36	40.0
	MIN	25	16	23	17	13	20	30	35	26	30	34	26	22	27	29	17	20	24	24	23	23	28	26	20	20	25	21	20	27	34	30	24.4
SHELBYVILLE	MAX	47	43	47	43	37	40	44	49	43	46	39	39	35	52	38	40	38	41	44	40	33	36	33	35	28	30	31	32	33	34	34	38.8
	MIN	23	17	17	18	16	17	30	33	25	24	30	23	22	24	30	23	21	23	27	20	18	29	24	19	18	24	20	20	25	31	29	23.2
WARSAW MARKLAND DAM	MAX	47	42	48	41	37	39	40	51	42	41	39	41	35	51	46	38	37	43	43	36	34	37	35	35	27	30	30	31	33	35	36	38.7
	MIN	15	17	17	23	15	17	28	32	22	21	31	26	21	25	28	25	19	19	27	20	15	24	20	18	15	20	20	18	24	31	29	22.0
WAYNESBURG 7 NE	MAX	44	46	41	37	40	45	52	45	48	42	42	39	52	52	34	36	40	42	43	35	33	32	34	35	33	32	27	35	44	51	36	40.2
	MIN	29	18	27	19	16	27	35	34	27	32	35	26	22	30	28	18	19	24	29	23	21	26	24	20	21	25	21	19	32	33	29	25.5
WILLIAMSTOWN 3 NW	MAX	43	45	43	36	37	39	49	43	45	40	40	37	50	48	48	36	41	42	40	33	37	33	35	32	27	30	31	30	33	33	33	38.4
	MIN	32	18	28	15	15	26	30	32	26	29	32	21	23	31	23	19	24	24	27	18	21	25	21	18	16	22	19	19	28	31	27	23.9
* * *																																	
EASTERN 04																																	
ASHLAND	MAX	43	41	44	41	33	40	42	53	43	41	42	43	35	50	42	36	34	40	43	40	34	36	36	35	30	28	29	31	33	35	40	38.5
	MIN	27	14	13	22	15	14	27	37	22	22	32	32	23	24	32	19	17	18	26	26	16	23	15	19	21	20	22	10	17	32	34	22.3
BARBOURVILLE	MAX	46	49	50	47	38	46	48	57	45	48	42	47	42	54	51	35	39	43	44	47	38	37	34	40	31	31	38	30	37	58	49	43.3
	MIN	22	16	16	24	11	13	29	36	27	27	33	32	25	25	29	20	19	16	18	25	19	26	28	26	25	27	22	19	22	34	34	24.0
BAXTER	MAX	45	46	48	45	35	42	49	55	40	48	42	44	35	48	47	34	38	42	38	42	37	37	35	40	30	35	32	30	36	38	42	40.5
	MIN	23	16	16	23	14	14	27	38	28	30	32	33	24	26	29	27	20	16	17	26	20	29	26	26	25	28	23	19	21	32	28	24.4
BLAINE	MAX	42	44	45	42	35	42	41	58	39	40	44	43	37	52	44	39	37	43	43	42	32	35	32	35	30	29	31	29	34	36	36	39.1
	MIN	19	10	10	19	10	12	20		20	29	26	26	21	22	31	15	20	13	23	26	11	20	23	20	13	21	22	8	19	30	29	19.6
CUMBERLAND	MAX	47	49	44	38	42	43	55	52	51	41	48	46	42	49	34	37	39	39	41	36	42	42	45	37	37	35	36	38	59	60	61	44.0
	MIN	24	13	27	23	13	19	36	37	29	29	37	28	22	33	29	24	23	13	28	26	15	27	21	25	23	24	21	16	32	37	32	25.4
DEWEY DAM	MAX	44	43	45	41	32	38	42	55	40	42	40	44	35	53	47	38	34	39	44	40	32	33	34	35	29	32	32	34	46	39	45	39.6
	MIN	22	15	15	25	16	17	20	38	29	29	31	32	26	25	32	28	19	17	18	28	15	20	25	25	22	26	22	14	17	32	35	23.7
GRAYSON 5 SE	MAX	42	42	45	42	33	40	41	56	45	38	40	43	36	51	44	38	36	42	43	41	33	37	32	35	29	28	31	32	33	34	39	38.7
	MIN	19	12	13	24	12	12	19	37	19	27	30	32	24	25	32	24	17	15	19	27	14	23	15	17	20	22	19	6	16	30	34	21.1
HEIDELBERG LOCK 14	MAX	46	47	47	42	39	41	56	56	45	40	45	45	49	53	46	39	42	42	44	43	35	34	33	36	32	32	32	34	36	40	41	41.7
	MIN	25	14	26	20	11	20	35	38	21	31	37	30	20	35	31	24	18	16	33	27	16	30	27	23	22	26	24	19	32	34	32	25.7
HINDMAN 11 NNE	MAX	43	45	45	42	32	37	45	58	40	42	43	47	46	48	52	37	33	38	44	45	33	34	34	40	32	33	32	31	38	44	48	40.7
	MIN	27	15	15	26	14	14	21	38	28	28	30	31	22	22	30	29	18	16	16	25	15	22	24	24	23	27	23	17	26	34	34	23.7
HYDEN	MAX	45	45	45	44	34	39	53	58	41	42	40	39	35	54	48	35	36	29	44	40	35	34	34	39	30	34	33	32	38	46	50	40.4
	MIN	24	16	16	25	12	12	19	37	28	28	35	31	25	24	31	25	19	15	15	27	17	27	24	26	25	27	22	18	18	34	35	23.8
JACKSON	MAX	43	48	49	46	39	45	45	60	47	40	40	45	40	53	48	40	41	45	44	45	39	33	33	37	30	33	31	29	36	44	42	41.6
	MIN	24	18	18	26	14	15	23	38	26	28	33	32	25	25	32	24	23	20	20	28	20	24	27	25	19	28	24	20	22	34	35	24.8

See Reference Notes Following Station Index

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DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON FAA AP	MAX	45	46	44	34	40	44	54	42	42	40	44	37	52	49	34	36	40	42	40	32	33	33	37	29	32	31	25	35	52	54	39	39.9
	MIN	25	14	25	17	12	27	37	25	23	31	36	24	24	30	29	19	19	19	31	20	20	27	26	24	27	25	17	20	33	37	32	25.0
MANCHESTER 4 SE	MAX	47	48	45	40	45	46	57	58	48	43	46	42	50	50	34	39	43	42	44	37	35	35	39	37	33	33	29	35	42	55	45	42.6
	MIN	26	13	25	23	11	21	36	36	32	31	38	31	23	34	32	22	18	16	31	26	19	29	25	25	26	27	22	18	32	38	33	26.4
MC KEE	MAX	44	44	42	34	42	45	45	53	40	40	40	43	35	52	44	34	37	42	43	42	34	33	30	35	28	32	30	27	35	39	40	38.8
	MIN	22	12	17	18	8	14	20	35	20	30	30	28	19	19	30	19	15	15	24	25	15	26	25	22	21	25	22	18	23	32	31	21.9
MIDDLESBORO	MAX	46	47	51	46	36	44	46	55	39	47	42	45	35	51	49	35	39	41	43	42	38	35	34	34	32	35	34	32	40	53	62	42.2
	MIN	24	17	17	26	13	14	30	39	25	31	36	34	25	25	30	27	18	16	17	25	23	33	28	28	26	22	17	12	14	28	29	24.2
MONTICELLO	MAX	49	50	46	38	43	46	53	44	50	42	45	38	56	53	32	38	41	45	43	36	39	33	41	32	34	34	29	37	51	56	37	42.3
	MIN	28	16	31	23	13	26	37	35	23	31	38	27	22	31	27	18	16	19	30	22	21	26	26	25	27	27	22	21	34	37	31	26.1
MOUNT VERNON	MAX	45	46	45	39	43	46	53	46	48	44	42	40	52	52	35	38	41	41	42	37	33	33	37	36	34	33	29	36	43	54	40	41.4
	MIN	31	16	31	19	11	29	35	35	21	31	36	23	23	31	28	16	26	19	30	24	18	28	25	20	23	25	20	20	32	34	30	25.5
PIKEVILLE	MAX	47	51	43	38	45	41	58	51	50	43	46	44	54	52	39	41	42	38	46	35	35	35	43	43	33	33	31	37	40	50	42	42.8
	MIN	35	19	32	26	21	21	36	38	33	40	40	31	29	35	33	28	22	19	30	29	18	32	29	26	27	27	25	19	33	38	36	29.3
SOMERSET 2 N	MAX																																
	MIN																																
STEARNS	MAX	44	46	47	43	35	41		51	43	46	39	44	33	51	42	31	34	40	40	38	39	35	34	33	35	36	36	28	39	58	56	40.6
	MIN	24	19	19	22	15	15	26		26	26	35	30	22	21	27	20	19	19	27	22	24	30	30	25	28	23	21	19	25	28	40	24.2
TOMAHAWK 1 WSW	MAX	44	45	45	42	32	39	42	57	41	42	41	43	36	53	47	37	35	39	44	41	32	37	37	37	29	31	32	30	36	37	44	39.6
	MIN	20	13	13	24	14	15	19	38	26	28	30	32	22	23	32	26	16	14	15	25	13	22	27	23	21	25	21	9	19	32	35	22.3
VANCEBURG	MAX	42	45	43	33	40	46	52	42	39	39	42	40	50	47	39	35	41	42	43	36	33	35	35	35	32	33	33	32	34	36	38	39.1
	MIN	25	9	29	19	11	12	32	33	19	27	36	31	22	36	31	21	18	18	29	24	15	25	13	20	22	22	21	10	29	32	31	23.3
WEST LIBERTY	MAX	44	43	47	42	36	42	42	57	45	40	40	42	36	50	45	37	38	43	41	42	35	34	33	35	30	28	31	29	35	37	40	39.3
	MIN	17	13	13	21	10	10	21	36	20	25	30	30	22	22	31	26	19	17	20	26	15	22	25	21	20	24	21	14	22	32	33	21.9
WILLIAMSBURG 1 E	MAX	49	51	48	43	41	47	57	50	45	41	48	42	48	53	36	38	43	44	46	41	37	36	41	38	35	35	30	37	54	55	44	43.6
	MIN	32	15	34	21	14	25	35	35	25	31	38	30	25	34	28	23	19	21	31	24	20	29	26	25	27	27	22	22	32	41	31	27.2

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31
* * * WESTERN 01																																
BEAVER DAM	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FORDS FERRY DAM 5D	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND															3	2	T					4	3	1	2	3	-	2	1	1	3
HENDERSON 7 SSW	SNOWFALL						.2									.1						2.0	.5	.5		3.0						1.0
	SN ON GND															T						2	2	2	1	3	2	2	1	1	T	1
HOPKINSVILLE	SNOWFALL												T			3.0							T			3.0	1.0					T
	SN ON GND															3	T									3	3	1				T
MURRAY	SNOWFALL																						.1			6.4						.1
	SN ON GND																						T			6	4	3	2	T	T	T
OWENSBORO 2 W	SNOWFALL															T							1.5	T		1.5			T			1.0
	SN ON GND															T							2	T	T	2	2	1	1	1	T	1
PADUCAH FAA AIRPORT	SNOWFALL						T								T	T						1.3	T	T	T	4.0					2.0	T
	SN ON GND																						1			4	2	1	1			1
RUSSELLVILLE	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND												T			1										3	2	-	-			
* * * CENTRAL 02																																
BARDSTOWN NAZARETH COL	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOWLING GREEN FAA AP	SNOWFALL						T						.1		T	.1						T	.1	T	T	3.4	T				T	T
	SN ON GND												T			T										T	2	2	2			
IRVINGTON	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND															1						2	2	1	1	3	3	3	2	1	T	T
LOUISVILLE WB AP	SNOWFALL			T			T								T	T						2.8	T	1.1	T	3.3	.3	T	.1		T	.1
	SN ON GND																						1	2	1	1	3	3	2	1	1	T
	WTR EQUIV																							.2			.2	.2	.2			
MAMMOTH CAVE PARK	SNOWFALL						T									.5						T	.5			2.0						
	SN ON GND															T						T	T	T		2	2	2	1	T		
MILLERSTOWN	SNOWFALL															.3							1.9			1.0	2.0					
	SN ON GND															T	T						2	1		1	3	2	1	T	T	
SUMMER SHADE	SNOWFALL												T			T							T			4.0	1.0					
	SN ON GND																									4	5	4	3			
* * * BLUE GRASS 03																																
BEREA COLLEGE	SNOWFALL											T	T		T							2.0		.7		3.0	2.5	.4				
	SN ON GND																					2	T	T		3	6	6	6	T		
COVINGTON WB AIRPORT	SNOWFALL			T			T	T				T	T		T	T				T	T	.9	.2	2.0	T	2.2	.1	T				.6
	SN ON GND																		T		T	T	1	1	3	4	5	5	4	4	2	2
	WTR EQUIV																								.3	.3	.4	.4	.4	.4	.3	.2
CYNTHIANA	SNOWFALL				T											T	T						3.5	T	T	T	3.1	T				T
	SN ON GND																						2	1	1	1	5	4	2	2	T	T
DANVILLE	SNOWFALL															T				T			1.8	.1	.1	.2	3.0	.2	T			
	SN ON GND																						2	1	1	1	3	3	3	1		
FARMERS 1 WNW	SNOWFALL																						2.0			.2	4.0					
	SN ON GND																						2	1	1	1	5	5	T			
GEST LOCK 3	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND																						1	1	1	1	3	3	2	2	1	T
LEXINGTON WB AIRPORT	SNOWFALL			T											T	T					T	.9	.1	.4	T	3.8	T	T	T			T
	SN ON GND																						1	T	T	T	4	4	3	T	T	T
	WTR EQUIV																										.2	.2	.3			
MAYSVILLE SEWAGE PLANT	SNOWFALL				.3																		1.1	T	1.5	T	1.8	T				
	SN ON GND				T	T																	1	1	2	2	3	3	3	3	1	T
WILLIAMSTOWN 3 NW	SNOWFALL			.1											T	T						1.7	1.0	.5	T	2.0	.2					T
	SN ON GND			T											T							2	3	2	2	4	4	4	4	3	3	3
* * * EASTERN 04																																
CUMBERLAND	SNOWFALL				.5								.5	T	.5	T	T		T			T	.5	.5	.5	4.5	2.5	.5	T			T
	SN ON GND				T								T		T	T			T				T		T	3	4	3	2			
DEWEY DAM	SNOWFALL				T																		-		T	T	-	.4				
	SN ON GND				T																		-	T	T	T	5	4	4	2	T	
HAZARD WATER WORKS	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEIDELBERG LOCK 14	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND																						1	1	1	1	4	3	3	2	T	
LONDON FAA AP	SNOWFALL				T		T						T		T	T						4.0	T	T	T	5.8	1.0	T	T			T
	SN ON GND																						T	T			7	7	6	2		
MIDDLESBORO	SNOWFALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTICELLO	SNOWFALL												T			1.0											5.5	-	-	-	-	
	SN ON GND															1											4					
PIKEVILLE	SNOWFALL			T	T										T						T	T	T	T	T	1.6	2.1	T				
	SN ON GND																						T			2	4	T				

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	Day of month																															Average
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BARDSTOWN NAZARETH COL																																		
	4	MAX	45	45	43	42	41	43	42	42	40	40	41	41	42	41	40	40	39	39	39	38	39	39	39	38	35	39	39	36	38	38	38	40.0
		MIN	41	41	38	39	39	39	39	39	36	35	36	36	38	39	38	38	36	30	35	35	36	36	36	35	35	35	36	35	35	35	36	36.7
	20	5PM	46	44	45	45	45	45	44	44	45	45	46	45	45	45	45	44	39	39	39	39	39	39	39	38	38	39	39	38	38	38	38	41.8
BEREA COLLEGE																																		
	4	MAX	42	41	40	40	38	38	41	41	44	40	40	40	39	39	39	38	37	37	37	37	40	40	39	36	36	36	36	36	38	38	38	38.7
		MIN	41	39	39	38	35	37	38	41	39	40	40	39	37	39	38	36	35	36	37	34	34	34	34	34	34	34	34	34	35	36	36	36.7
	20	5PM	48	48	47	47	46	45	45	45	45	45	45	45	45	45	45	45	45	44	43	42	42	42	42	42	42	42	42	41	41	41	41	44.0
CUMBERLAND GAP PARK																																		
	4	MAX	41	42	39	38	38	38	40	42	41	41	42	40	41	40	41	39	37	37	39	37	36	36	36	36	36	36	36	36	36	45	48	39.0
		MIN	40	39	38	38	37	35	38	38	40	41	40	39	40	39	39	37	35	37	37	35	35	35	36	36	35	36	36	36	36	36	43	37.5
	20	5PM	48	47	47	46	46	45	45	45	45	45	44	45	45	45	45	45	44	44	44	44	43	43	43	43	43	43	43	43	42	42	44	44.4
FLEMINGSBURG 1 SW																																		
	4	MAX	38	39	36	36	36	35	38	38	39	37	37	37	38	37	37	36	36	36	35	35	35	35	33	34	33	33	33	33	33	33	33	35.6
		MIN	37	36	36	36	34	34	34	38	36	37	37	35	36	37	36	36	34	34	34	34	33	33	33	33	33	33	33	33	33	33	33	34.6
	20	6PM	46	46	45	45	44	44	44	44	44	44	44	44	44	44	44	44	43	43	43	42	42	42	42	41	41	41	41	41	41	40	40	43.0
GLASGOW WKAY																																		
	4	MAX	47	45	44	44	43	41	44	44	44	44	44	44	43	44	44	43	41	41	41	41	40	40	40	40	39	39	39	39	40	40	40	42.0
		MIN	43	42	43	42	40	41	41	44	42	43	44	43	41	41	43	40	39	38	40	40	40	40	40	39	39	39	39	38	38	40	39	40.7
	20	6PM	49	48	48	48	47	47	46	47	47	47	47	47	46	46	46	46	45	44	44	44	44	44	44	44	43	43	43	43	42	42	42	45.3
GREENVILLE 2 W																																		
	4	MAX	42	43	42	42	39	40	42	43	-	46	42	-	41	42	42	42	38	49	40	40	38	39	38	39	37	36	48	36	36	36	36	40.5
		MIN	39	39	40	38	36	39	39	41	-	39	41	-	37	41	41	37	36	38	38	37	38	38	37	37	35	36	36	36	36	35	36	37.8
	20	5PM	46	48	48	47	46	46	46	46	-	46	46	-	45	45	46	45	45	44	44	44	44	43	43	43	43	43	43	42	42	42	42	44.6
HENDERSON 7 SSW																																		
	4	MAX	45	45	45	45	44	43	43	43	44	44	44	44	44	43	43	43	42	42	41	41	41	41	41	40	40	40	40	40	40	40	40	42.3
		MIN	45	43	45	44	42	43	43	43	43	44	44	43	43	43	43	41	41	41	41	41	41	41	40	40	40	40	40	40	40	40	40	41.9
	20	6PM	49	48	48	48	47	47	47	47	47	47	47	47	46	46	46	46	45	44	44	44	44	44	44	43	43	43	43	42	42	42	42	45.2
IRVINGTON																																		
	4	MAX	41	42	42	41	40	38	42	42	41	41	40	40	40	41	40	42	38	38	38	38	38	38	37	37	37	37	37	37	37	37	37	39.2
		MIN	39	37	41	39	38	37	37	37	38	40	40	40	39	39	40	38	37	38	37	38	38	37	37	37	37	37	37	37	37	37	37	38.0
	20	4PM	44	44	44	43	42	42	42	43	43	42	42	43	42	42	42	42	41	41	41	40	40	40	40	40	40	40	40	40	40	40	40	41.5
LEXINGTON CAMPUS FARM																																		
(BARE GROUND)	1	MAX	44	38	41	34	34	38	47	48	45	40	42	39	43	43	41	36	38	36	41	34	34	34	34	34	34	34	34	35	35	35	34	38.0
		MIN	33	31	34	31	30	32	36	35	34	35	37	34	33	34	34	31	32	32	33	31	31	33	33	34	34	34	34	34	34	34	34	33.3
	2	MAX	43	37	40	36	34	37	46	47	43	40	42	39	42	42	40	36	38	36	40	34	34	34	35	35	35	35	35	35	35	35	35	37.9
		MIN	35	33	35	33	32	34	36	37	36	36	38	35	34	36	35	34	34	34	34	33	33	34	34	34	35	35	35	35	34	34	34	34.5
	4	MAX	42	38	40	38	36	37	44	45	42	40	41	40	40	41	39	37	38	36	39	36	35	35	35	36	36	36	36	36	36	35	35	38.1
		MIN	38	36	37	36	35	35	37	39	38	37	40	37	36	37	37	36	36	36	36	35	35	35	35	35	35	36	36	36	35	35	35	36.2
	8	MAX	42	41	40	40	39	39	43	44	42	41	42	41	40	41	40	39	38	38	39	38	37	37	37	37	37	37	37	37	37	36	36	39.1
		MIN	40	39	39	39	38	38	39	41	40	40	41	39	39	39	39	38	38	38	38	37	37	37	37	37	37	37	37	37	36	36	36	38.2
(SOD)	1	MAX	43	41	41	39	39	41	44	44	41	40	41	40	40	41	40	39	39	38	39	38	36	37	37	36	36	37	37	36	37	37	36	39.0
		MIN	38	36	38	36	34	36	39	39	37	38	40	37	36	38	37	36	35	35	36	35	35	36	36	35	35	36	36	35	36	36	36	36.4
	2	MAX	43	41	41	40	39	41	44	44	41	41	42	41	40	41	40	39	39	38	39	39	37	37	37	37	36	37	38	37	37	37	37	39.4
		MIN	40	37	39	37	36	37	40	40	38	39	41	38	37	39	38	37	36	36	37	36	35	37	37	36	36	36	37	36	36	37	36	37.3
	4	MAX	43	41	41	40	39	41	43	44	41	41	42	41	40	41	40	39	39	38	39	39	37	38	37	37	37	37	38	37	37	37	37	39.4
		MIN	41	38	39	38	37	38	40	41	39	40	41	39	38	40	39	38	37	37	37	37	36	37	37	37	36	37	37	37	37	37	37	38.0
	8	MAX	44	43	42	42	41	41	43	44	43	42	42	42	41	42	41	41	40	39	40	40	39	39	39	39	38	38	39	39	39	38	38	40.6
		MIN	43	41	42	41	39	40	41	43	41	41	42	41	40	41	40	40	39	39	39	39	38	38	39	38	38	38	38	38	38	38	38	39.7
	20	7PM	47	46	46	46	45	44	45	45	45	45	45	45	44	44	44	44	43	43	43	43	42	42	42	42	41	41	41	41	41	41	40	43.4
	40	7PM	52	52	52	51	51	50	50	50	50	50	50	49	49	49	49	49	48	48	48	47	47	47	47	47	46	46	46	46	46	45	45	48.5
MAYFIELD RADIO WNGO																																		
	4	MAX	54	50	50	48	49	-	-	44	48	46	51	45	48	47	46	44	41	42	43	41	41	43	41	40	40	44	-	-	40	41	41	44.7
		MIN	50	40	48	-	40	-	-	40	-	-	-	41	45	45	40	40	39	39	38	37	38	41	39	40	-	40	-	-	40	40	38	40.8

See Reference Notes Following Station Index

DAILY SOIL TEMPERATURES

CONTINUEO

Station	Depth (IN)	Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MAYFIELO RAOIO WNGO																																		
	20	5PM	58	47	-	-	-	-	-	48	42	44	50	48	45	46	50	49	48	48	47	46	45	44	45	44	42	45	-	-	44	42	43	46.3
PRINCETON 1 SE																																		
	4	MAX	42	43	43	43	41	41	43	43	43	43	43	43	43	43	43	42	40	41	40	40	40	40	39	39	39	39	39	39	39	38	38	41.0
		MIN	42	42	43	41	41	41	41	43	42	43	43	43	41	43	42	40	39	40	40	39	40	39	39	38	39	39	39	39	38	38	38	40.5
	20	5PM	49	49	49	48	48	47	47	47	47	47	47	47	47	47	47	46	46	45	45	45	45	44	44	44	44	44	43	43	43	42	42	45.7
OUICKSANO																																		
	4	MAX	40	40	38	37	37	39	41	40	41	40	40	39	40	40	40	40	40	37	37	37	37	39	39	34	34	34	34	34	34	36	36	37.9
		MIN	38	38	37	35	34	37	34	40	37	39	38	38	36	40	39	37	35	34	34	35	34	34	34	34	34	34	34	34	34	34	36	35.8
	20	4PM	39	43	42	42	41	40	41	41	42	41	41	42	42	42	42	41	41	40	40	40	39	39	39	39	38	38	38	38	38	38	38	40.2
WILLIAMSTOWN 3 NW																																		
	4	MAX	43	42	41	41	40	40	41	41	41	41	41	41	41	40	40	40	39	39	39	39	39	38	38	38	38	38	38	38	38	38	38	39.6
		MIN	42	41	41	40	40	40	39	41	41	40	41	41	40	40	40	39	39	39	39	39	38	38	38	38	38	38	38	38	38	38	38	39.4
	20	6PM	47	47	46	46	45	45	45	45	45	45	45	45	45	45	44	44	43	43	43	43	43	42	42	42	42	42	42	42	42	42	42	43.8

	SOIL TYPE	SOIL COVER	OEGREE OF SLOPE
BAROSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	OICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STANO OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL EROOEO	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPEO BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RAOIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK 5W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS ANO FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS
MAX AND MIN TEMPERATURES FOR 24 HOURS ENDING AT OBSERVATIONAL TIME.

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
JULY 1969	CLIMATOLOGICAL DATA	WESTERN 01	GOLOEN PONO B N	TOTAL PRECIPITATION 3.9B, GREATEST DAY OF PRECIPITATION 1.29, DATE 3D; NUMBER OF DAYS WITH PRECIPITATION .10 OR MORE B, .50 OR MORE 3, 1.00 OR MORE 1
JULY 1969	CLIMATOLOGICAL DATA	WESTERN 01	DIVISION	AVERAGE PRECIPITATION 3.95; DEPARTURE FROM NORMAL -.02
JULY 1969	DAILY PRECIPITATION	WESTERN 01	GOLOEN POND B N	TOTAL 3.9B; AMOUNT ON 3D 1.29, 4TH TRACE
AUGUST 1969	TEMPERATURE & PRECIPITATION EXTREMES			GREATEST TOTAL PRECIPITATION 9.29 AT GOLDEN POND B N
AUGUST 1969	CLIMATOLOGICAL DATA	WESTERN 01	GOLDEN POND B N	TOTAL PRECIPITATION 9.29; GREATEST DAY OF PRECIPITATION 3.70 ON 10TH; NUMBER OF OAYS WITH .10 OR MORE 6, .50 OR MORE 4, 1.00 OR MORE 3
AUGUST 1969	CLIMATOLOGICAL DATA	WESTERN 01	DIVISION	AVERAGE PRECIPITATION 3.9B, DEPARTURE FROM NORMAL .59
AUGUST 1969	DAILY PRECIPITATION	WESTERN 01	GOLDEN POND B N	TOTAL 9.29, AMOUNT ON 2D .25,10TH 3.70, 16TH .50, 17TH 2.18, 1BTH .04, 19TH 2.23, 20TH TRACE, 22D .39
SEPTEMBER 1969	CLIMATOLOGICAL DATA	EASTERN 04	DEWEY DAM	TOTAL PRECIPITATION 4.80, GREATEST DAY OF PRECIPITATION & DATE MISSING, NUMBER OF DAYS WITH PRECIPITATION 1.00 OR MORE MISSING
SEPTEMBER 1969	CLIMATOLOGICAL OATA	EASTERN 04	DIVISION	AVERAGE PRECIPITATION 2.44, DEPARTURE FROM NORMAL -.37
SEPTEMBER 1969	OAILY PRECIPITATION	EASTERN 04	DEWEY DAM	TOTAL 4.B0, PRECIPITATION ON 7TH *, BTH V 2.57

CLIMATOLOGICAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
* * * JUNE 1969																							
GOLDEN POND 8 N	85.9	63.9	74.9		96	29	47	3	6	11	0	0	0	4.67		2.20	13	.0	0		6	3	2
* * * JULY 1969																							
ANCHORAGE	87.0	67.2	77.1	1.2	92	19+	59	31+	0	8	0	0	0	1.85	- 1.92	.74	1	.0	0		7	1	0
* * * AUGUST 1969																							
WILLIAMSBURG 1 E	87.5	60.4	74.0	- 2.2	93	9	50	12	0	8	0	0	0	1.72	- 2.05	.65	20	.0	0		5	1	0
* * * SEPTEMBER 1969																							
CAMPBELLSVILLE 2 SSW	79.7	56.2	68.0		88	1	43	29	35	0	0	0	0	2.10		.75	5	.0	0		5	2	0
WILLIAMSBURG 1 E	81.5	55.2	68.4	- 1.8	87	17+	40	29	26	0	0	0	0	1.54	- 1.15	.37	8	.0	0		5	0	0
* * * OCTOBER 1969																							
CAMPBELLSVILLE 2 SSW	71.5	46.5	59.0		85	13+	25	24	230	0	0	5	0	2.12		.72	7	.0	0		4	2	0

DAILY PRECIPITATION

Station	Total	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * MAY 1969																																	
CUMBERLAND FALLS ST PK	3.12								.44	.34	.40		.20		.36			.30	.35	.05	.05		.35	.28									.
ELKHORN CITY	1.70								.21	T	.42	.31	.06	.02	T	.15	.02	T	T	.51													.
* * * JUNE 1969																																	
ELKHORN CITY	-			.35								T			.20	.27	.14	T	.02				.02	.29	-	-							.
GOLDEN POND 8 N	4.67													2.20	.39	.58	.02		.16	T				1.00	.30					.02			.
* * * JULY 1969																																	
ANCHORAGE	1.85	.74		.03			.01		.10	T	.30	.12									.10	.19	.24			.02							.
FISHTRAP RESERVOIR	5.90		.51					.66	.15		.74	2.48	.42									.17	.44	.33					T				.
GRAYSON RESERVOIR	3.65		.46					.15	.02		.34	.70	.97											.95					.06				.
* * * AUGUST 1969																																	
WILLIAMSBURG 1 E	1.72			.30							.15						.35	T	.04		.65		.23										.
* * * SEPTEMBER 1969																																	
CAMPBELLSVILLE 2 SSW	2.10				.17	.75	.33	.02				T						.63			T	.05		.13	.02			T					.
SALYERSVILLE 2 SE	1.83		.12			1.10	.15												.24						.22								.
WILLIAMSBURG 1 E	1.54	.03		T			.16		.37										.19		.36	.28		.04	.04	.07							.
* * * OCTOBER 1969																																	
CAMPBELLSVILLE 2 SSW	2.12	.03	.41				T	.72				.05			T					T	.01	.61				.29							.

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *																																	
JUNE 1969																																	
GOLDEN POND 8 N	MAX	90	90	74	78	81	85	93	94	93	75	82	91	88	89	83	70	75	78	80	88	88	86	88	86	88	92	92	90	96	93		85.9
	MIN	70	57	47	52	58	64	65	65	61	61	62	64	66	66	63	55	55	60	60	64	65	65	66	69	69	75	79	75	69	71		63.9
* * *																																	
JULY 1969																																	
ANCHORAGE	MAX	89	84	86	91	92	90	89	87	89	88	85	89	90	85	89	91	91	91	92	88	82	79	83	86	87	86	85	85	80	83	86	87.0
	MIN	69	61	64	70	74	73	71	70	71	70	72	65	69	62	63	72	71	70	71	71	71	69	65.	66	65	62	68	60	59	59	59	67.2
* * *																																	
AUGUST 1969																																	
WILLIAMSBURG 1 E	MAX	88	88	84	83	84	87	88	88	93	91	83	85	90	88	84	88	88	87	82	85	88	86	90	87	88	90	91	90	89	90	88	87.5
	MIN	63	63	64	58	59	60	64	65	74	66	51	50	65	58	64	68	67	64	63	62	64	57	56	56	55	54	54	58	59	57	54	60.4
* * *																																	
SEPTEMBER 1969																																	
CAMPBELLSVILLE 2 SSW	MAX	88	87	87	83	82	87	85	78	80	78	73	73	74	82	84	86	84	81	74	76	80	80	75	68	70	78	79	80	76	83		79.7
	MIN	69	68	62	66	68	66	67	63	53	49	44	45	46	51	55	55	67	58	56	60	56	59	63	60	47	46	47	49	43	47		56.2
WILLIAMSBURG 1 E	MAX	82	86	85	86	83	87	87	85	81	79	74	74	77	82	83	84	87	85	80	81	82	82	79	71	75	79	83	82	83	81		81.5
	MIN	67	68	61	69	65	64	65	64	56	43	43	42	50	45	51	55	53	60	61	60	52	57	61	63	55	48	48	47	40	43		55.2
* * *																																	
OCTOBER 1969																																	
CAMPBELLSVILLE 2 SSW	MAX	82	70	82	82	82	81	69	77	78	82	79	85	85	81	58	63	60	64	78	79	78	66	57	63	63	64	63	53	61	64	68	71.5
	MIN	56	58	55	58	51	58	58	46	44	52	65	64	63	45	35	50	37	29	40	60	47	44	32	25	45	43	44	28	30	35	44	46.5

DAILY SOIL TEMPERATURES

Station	Depth (IN)	Time	1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * * SEPTEMBER 1969 CAMPBELLSVILLE 2 SSW																																		
	4	MAX	80	81	80	79	78	80	78	78	75	72	68	66	66	66	68	70	70	70	70	71	71	74	71	68	67	68	69	72	69	72		72.2
		MIN	75	75	75	76	75	75	75	75	72	66	62	64	65	65	64	65	65	65	68	70	70	71	65	64	62	60	65	69	60	66		68.1
	20	6PM	74	74	74	74	74	74	74	74	72	72	72	71	70	70	70	70	70	70	70	70	70	70	70	70	69	68	68	68	68	67		70.9
* * * OCTOBER 1969 CAMPBELLSVILLE 2 SSW																																		
	4	MAX	-	68	70	72	71	72	68	70	70	69	72	70	72	71	64	61	62	62	62	64	63	64	62	56	57	58	58	57	55	55	55	64.3
		MIN	-	64	64	64	63	65	62	64	62	64	69	66	66	64	58	59	58	55	56	60	57	57	54	51	53	55	55	51	52	51	52	59.0
	20	6PM	67	68	67	67	67	67	67	67	66	66	67	66	67	67	65	64	64	62	62	62	62	62	61	60	58	59	59	58	57	57	57	63.4

See Reference Notes Following Station Index

STATION INDEX

STATION	INDEX NO.	DIVISION	COUNTY	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL	
ADDISON DAM 43	0031	02	BRECKINRIDGE	7	37 55	86 34	380		6A		C	CORPS OF ENGINEERS
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		7A			MRS.BARBARA M. COOL
ANCHORAGE	0155	02	JEFFERSON	7	38 18	85 33	700	6P	6P			GEORGE H. POTTS
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	7A	7A			ASHLAND WATER PLANT
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	7A	7A		C	JOHN R. WHARTON
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	5P	5P		GH	SISTER LUCILLE COSBY
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6P	6P			HUGH L. JENNINGS
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7A	7A			CORPS OF ENGINEERS
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	7A	7A		C	C. HOMER NOLAN
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	6P	6P		H	E. G. YOUNG
BENTON	0611	01	MARSHALL	9	36 51	88 21	385				C	VICTOR R. ROWELL
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	5P	5P		CGH	BEREA COLLEGE
BEREA	0624	03	MADISON	4	37 34	84 18	1000		7A			MRS. RUSSELL S. WALTERS
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	7A	7A			A. ENOCH WHEELER
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	556		7A			JAMES R. EDWARDS
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	MID	MID		H	FED. AVIATION AGENCY
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	9A	9A			DR. DAVID D. DRYE
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		7A			ELMER A. BATH
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		7A	7A	C	CORPS OF ENGINEERS
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		8A		C	EDWIN E. JOHNSON
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		7A			MRS. BARBARA J. KING
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		7A		C	CORPS OF ENGINEERS
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	5P	5P		GH	THOMAS KERR
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		7A			HERBERT C. BERG
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	4P	7A		C	CORPS OF ENGINEERS
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	6P	6P			JAMES H. CROXTON
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		7A			MRS. DULDA M. NEWKIRK
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	4P	4P			BERNHEIM FOUNDATION
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360				C	ERL SENSING
COBB	1663	01	CALDWELL	2	36 59	87 47	500		6A			EUGENE WILSON
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		7A			CORPS OF ENGINEERS
*COVINGTON WB AIRPORT	1855	03	BOONE	7	39 04	84 40	869	MID	MID		C HJ	U.S. WEATHER BUREAU
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	6P	6P		H	C. C. WHITEAKER
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		5P			KY. DEPT. OF CONS.
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200				G	CUMBERLAND GAP NATL PK
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		7A		H	MARSHALL HILL
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	8A	8A			CUDAHAY COMPANY
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	7A	7A		H	R. P. COLDIRON
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700				C	MRS. EVA M. DAVIS
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		7A			OTHO KELLER
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	7A	7A	7A	C H	CORPS OF ENGINEERS
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	4P	7A	7A		WILLIAM CRUTCHER
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		7A		C	JESSE L. HUFF
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		7A			MRS DALMAS GIVENS
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793				C	LENA BLAIR
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		7A		C	JOHN E. MORAN
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		7A			CLEON A. WEBB
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		6A			S. RICHARD ANDERSON
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	6P	7A			FRANK H. LAWSON
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	6P	7A		H	ARNOLD WAGES
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	630		7A			RESERVOIR MGR.
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		7A			MRS. BELLE H. FISCHER
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	6P	6P		CG	WILLIAM H. FISCHER
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		7A			CORPS OF ENGINEERS
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	MID	6A		C H	CORPS OF ENGINEERS
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	7A	7A			CORPS OF ENGINEERS
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		7A			HOWARD B. HYDE
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		8A			MRS ALTA S. GOOSLIN
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		7A			JOHN RHODES
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		7A			E. GUY DECKARD
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		8A			RAY LAFALLETTE
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		7A		C H	CORPS OF ENGINEERS
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	5P	5P			LLOYD E. HANSON
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		7A			EMILY M. BEAM
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	808	6P	6P		G	RADIO STATION WKAY
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		7A			MRS. INEZ E. HILL
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	8A	8A			T V A
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	7A	7A			ALBERT SWANAGAN
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	712		8A			GRAYSON RESV.
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	7A	7A			HOWARD PICKETT
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		8A			CHARLES E. LYNN
GREENVILLE 2 N	3451	01	MUHLENBERG	3	37 12	87 12	519	5P	5P		G	C. R. LOVELL
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755				C	MRS. LILLIAN WAGNER
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		8A			DAVID K. CARSON
HAZARD	3709	04	PERRY	4	37 15	83 12	869				C	H. A. BAILEY
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		7A		H	LEE J. HOGSTON
HEIDELBERG LOCK 14	3741	04	LEE	4	37 33	83 46	663	4P	7A		C H	CORPS OF ENGINEERS
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	6P	6P		GH	FRANK STREET
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512				C	C. W. KEATTS
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	5P	5P			HAROLD EVERETT
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		7A			CORPS OF ENGINEERS
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	8A	8A			ENOCH COMBS
HODGENVILLE-LINCOLN NR	3929	02	LARUE	3	37 32	85 44	788	4P	4P		C	HODGENVILLE-LINCOLN N P
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	7A	6A		H	NEWELL F. SMITH
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	8A	8A			MRS. JEAN B. ELAM
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	4P	4P		GH	G.M. FOOTE
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	7A	7A			FRANKLIN MULLINS, JR.
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1155		5P			BEGIE BREEDING SR.
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		7A			HUGH W. BUFFIN
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		6P			JACK D. JOHNSTON
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		8A			KENTUCKY UTILITIES CO.
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	6P	7A			MISS PATSY L. HOWARD
LEXINGTON WB AIRPORT	4746	03	FAYETTE	4	38 02	84 36	966	MID	MID		C HJ	U.S. WEATHER BUREAU
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050				G	WBASO
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		7A		C	FITCH FOSTER
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		8A		C	CORPS OF ENGINEERS
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		7A			CORPS OF ENGINEERS
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		7A			CORPS OF ENGINEERS
LOGLICK 1 S	4882	03	CLARK	4	37 51	84 02	773				C	HUBERT BURGHER
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 06	1200				C	EDWARD E. MC FADDEN
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	MID	MID		H	FED. AVIATION AGENCY
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		7A		C	LABAN E WALLACE JR
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	MID	MID		C	LOUISVILLE G.&E. CO.
LOUISVILLE WB AP	4954	02	JEFFERSON	7	38 11	85 44	477	MID	MID		C HJ	U.S. WEATHER BUREAU
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		7A			CORPS OF ENGINEERS
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	5P	5P			BLAINE MALONE
LUCAS	5002	02	BARREN	3	36 53	86 02	738				C	WILLARD E. FOSTER
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	5P	7A	7A	C	HOMER WELBORN, JR.
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	5P	1P		H	NATIONAL PARK SERVICE
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	5P	7A			NORA S. WHITE
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		7A			MRS. BETTY PREPLATISH
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	5P	5P		G	CHARLES W. STRATTON
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	7A	7A		C H	MAYSVILLE SEWAGE PLANT
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	8A	8A			MRS. WINNIE E. MORAN
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	682				C	MRS ALMA LEE SYDNOR
META	5370	04	PIKE	1	37 34	82 27	730				C	MRS. EDITH J. SMITH
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	7A	7A		C H	MRS RUTH L CONNER
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		8A			CITY OF MIDWAY
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790				C	EVERETT E. ALLISON
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		7A		H	OVA M. LAWLER
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	5P	7A		H	ALVIN L. BERTRAM
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750				C	PROF. HENRY C. HAGGAN
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	5P	5P			FRED CARTMILL
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1180	5P	5P			WILLIAM H COX
MUNFORDVILLE	5684	02	HART	3	37 18	85 55	710		7A		C	GLENN S. WILSON
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	8A	8A		H	JOHN E. SCOTT
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		7A	7A	7A		CORPS OF ENGINEERS
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750				C	GEORGE DUVAL
ONEIDA	6028	04	CLAY	4	37 18	83 39	741		7A			ALEX DAVIDSON
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	5P	7A		H	VIRGIL D. CLARK
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		6A		C	CORPS OF ENGINEERS
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	4P	4P			ALGER A REDMON
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	MID	MID		H	FED. AVIATION AGENCY
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	5P	5P			RADIO STATION WPAD
PADUCAH SEWAGE PLANT	6117	01	MC CRACKEN	7	37 06	88 36	325				C	CITY OF PADUCAH
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		7A			JAMES D HUGHES
PARADISE STEAM PLANT	6155	01	MUHLENBURG	3	37 16	86 59	419		5A			TVA-784
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	688	7P	7P		C H	U.S. WEATHER BUREAU
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		7A			KENTUCKY UTILITIES
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	4P	4P	4P	G	WESTERN KY. EXP. STA.
QUICKSAND	6624	04	BREATHITT	4	37 32	83 22	840				G	ROBINSON AGRIC EXP STA
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	834		8A			CORPS OF ENGINEERS
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	8A	8A			THOMAS C. HERNDON
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	7A	7A			CORPS OF ENGINEERS
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	7A	7A			U S CORPS OF ENGINEERS
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	7A	7A		H	MRS. HILDA L. COX
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850				C	CLEM FIGHTMASTER
ST MARY	7096	02	MARION	8	37 35	85 21	743				C	JOHN B. BAUER
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		7A			CORPS OF ENGINEERS
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859				C	STANLEY GARDNER
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		7A			FORREST C. WILLIS
SANDY HOOK 5 W	7165	04	ELLIOT	1	38 07	83 13	1105				G	WILLIAM ADKINS
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	5P	5P			NOBLE ALLEN
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		7A		C	MRS. IDELL F. DEERING
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		9A			ORLANDER C. CRAIG
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	7A	7A			VIRGIL D. CROUCH
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		8A			HENRY M WATERS
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862				C	GEORGE E. SIMPSON
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955				C	ROY L ABBOTT
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	6P	6P		GH	RADIO STA WSFC
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		7A			WM. H. GOATLEY
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	7A	7A		C	LYLE EDWARD GRIFFITH
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	6P	6P		H	CHAS. M. MC MURTREY
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		7A			MRS. KATHRYN B. CARR
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		5P			JAMES H. CALDWELL
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7A	7A			WILLIAM T WILLIAMSON
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930				C	RALPH H. THOMPSON
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		7A			CORPS OF ENGINEERS
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		6A		C	CORPS OF ENGINEERS
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		8A			CORPS OF ENGINEERS
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	5P	5P			RADIO STATION WKKS
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	7A	7A			CORPS OF ENGINEERS
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870				C	WILLIAM E. PARKER
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	5P	7A			MRS. RITA RIDDER
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	7A	7A			ARNOLD D. HELTON
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	5P	7A			CURTIS H. WOODS
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	6P	6P		GH	HAROLD R. CONNLEY
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850				C	MITCHELL THOMPSON
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		7A			CORPS OF ENGINEERS
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	8A	8A	8A	C	CORPS OF ENGINEERS
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		7A		C	CORPS OF ENGINEERS

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you. Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 6:00 a.m., C.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

-	No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, "Daily Soil Temperature" table, and the "Station Index."
	No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
+	And also on an earlier date or dates.
++	Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
B	Adjusted to a full month.
D	Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
R	Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
T	Trace, an amount too small to measure.
V	Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR	This entry in time of observation column in Station Index means after rain.
C	Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
G	"Soil Temperature" table.
H	"Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
J	"Supplemental Data" table.
SS	This entry in time of observation column in Station Index means observation made near sunset.
VAR	This entry in time of observation column in Station Index means variable.
#	Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

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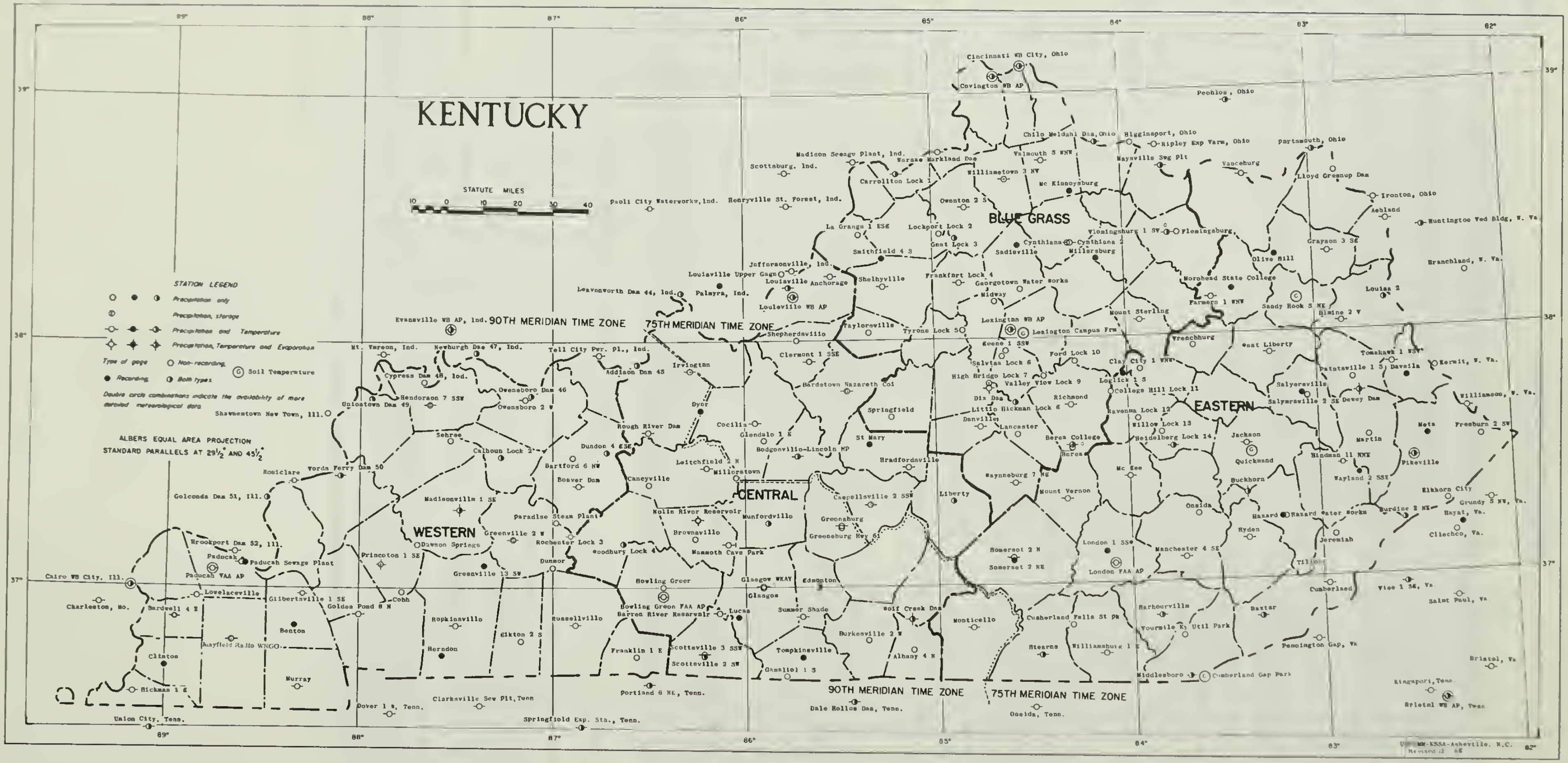
KENTUCKY
STATUTE MILES
10
0
10
20
30
40
STATION LEGEND
○ ● ◑ Precipitation only
⦶ Precipitation, storage
-○- -●- -◑- Precipitation and Temperature
✧ ✦ ✦ Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording
● Recording ◑ Both types
Ⓖ Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
WESTERN
CENTRAL
BLUE GRASS
EASTERN
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
39°
38°
37°
89°
88°
87°
86°
85°
84°
83°
82°
Cincinnati WB City, Ohio
Covington WB AP
Peebles, Ohio
Chilo Meldahl Dam, Ohio
Higginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Madison Sewage Plant, Ind.
Scottsburg, Ind.
Warsaw Markland Dam
Falmouth 3 WNW
Maysville Sewage Plt
Vanceburg
Lloyd Greenup Dam
Ironton, Ohio
Ashland
Huntington Fed Bldg, W. Va.
Branchland, W. Va.
Carrollton Lock 1
Williamstown 3 NW
Mc Kinneysburg
Owenton 2 S
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
La Grange 1 ESE
Lockport Lock 2
Gest Lock 3
Flemingsburg 1 SW
Flemingsburg
Cynthiana
Cynthiana 2
Sadieville
Millersburg
Olive Hill
Grayson 3 SE
Smithfield 4 S
Jeffersonville, Ind.
Louisville Upper Gage
Louisville
Anchorage
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Morehead State College
Louisa 2
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville WB AP
Midway
Lexington WB AP
Lexington Campus Frm
Farmers 1 WNW
Sandy Hook 3 NE
Blaine 2 W
Evansville WB AP, Ind.
Taylorsville
Tyrone Lock 5
Mount Sterling
Frenchburg
East Liberty
Tomahawk 1 WSW
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Shepherdsville
Clermont 1 SSE
Irvington
Addison Dam 43
Keene 1 SSW
Salvisa Lock 6
High Bridge Lock 7
Valley View Lock 9
Ford Lock 10
Clay City 1 WNW
Logick 1 S
College Hill Lock 11
Paintsville 1 S
Davella
Kermit, W. Va.
Cypress Dam 48, Ind.
Owensboro Dam 46
Owensboro 2 W
Henderson 7 SSW
Uniontown Dam 49
Shawneetown New Town, Ill.
Bardstown Nazareth Col
Springfield
Dix Dam
Richmond
Little Hickman Lock 8
Danville
Lancaster
Ravenna Lock 12
Willow Lock 13
Salyersville
Salyersville 2 SE
Dewey Dam
Williamson, W. Va.
Sebree
Calhoun Lock 2
Rough River Dam
Dundee 4 ESE
Dyer
Cecilia
Glendale 1 E
Hodgenville-Lincoln NP
St Mary
Berea College
Berea
Heidelberg Lock 14
Jackson
Quicksand
Martin
Meta
Freeburn 2 SW
Pikeville
Hartford 6 NW
Beaver Dam
Leitchfield 2 N
Millerstown
Bradfordsville
Waynesburg 7 NE
Mount Vernon
Mc Kee
Buckhorn
Hindman 11 NNE
Wayland 2 SSE
Elkhorn City
Grundy 3 NW, Va.
Haysi, Va.
Clinchco, Va.
Rosiclare
Fords Ferry Dam 50
Golconda Dam 51, Ill.
Madisonville 1 SE
Paradise Steam Plant
Nolin River Reservoir
Brownsville
Munfordville
Campbellsville 2 SSW
Greensburg
Greensburg Hwy 61
Liberty
Onelda
Hazard
Hazard Water Works
Hyden
Burdine 2 NE
Jeremiah
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Paducah FAA AP
Dawson Springs
Greenville 2 W
Princeton 1 SE
Rochester Lock 3
Woodbury Lock 4
Mammoth Cave Park
Somerset 2 N
Somerset 2 NE
London 1 SSE
London FAA AP
Manchester 4 SE
Tillie
Cairo WB City, Ill.
Lovelaceville
Gilbertsville 1 SE
Golden Pond 8 N
Cobb
Greenville 13 SW
Dunmor
Bowling Green
Bowling Green FAA AP
Barren River Reservoir
Lucas
Glasgow WKAY
Glasgow
Edmonton
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Yourmile Rt Util Park
Baxter
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Charleston, Mo.
Bardwell 4 E
Benton
Mayfield Radio WNGO
Hopkinsville
Herndon
Elkton 2 S
Russellville
Franklin 1 E
Scottsville 3 SSW
Scottsville 2 SW
Tompkinsville
Gamaliel 1 S
Burkesville 2 W
Albany 4 N
Stearns
Williamsburg 1 S
Middlesboro
Cumberland Gap Park
Pennington Gap, Va.
Bristol, Va.
Kingsport, Tenn.
Bristol WB AP, Tenn.
Clinton
Hickman 1 E
Murray
Union City, Tenn.
Dover 1 W, Tenn.
Clarksville Sew Plt, Tenn
Springfield Exp. Sta., Tenn.
Portland 6 NE, Tenn.
Dale Hollow Dam, Tenn.
Oneida, Tenn.
USCOMM-ESSA-Asheville, N.C.
Revised 12 68

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PUBLICATION

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
MAURICE H. STANS, Secretary
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

KENTUCKY

ANNUAL SUMMARY 1969

Volume 64 No. 13

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
* * * WESTERN 01																										
BARDWELL 4 E	35.7		38.5		40.6		58.9		67.4		75.6		80.5		75.1		69.4		58.6		44.3		34.6		56.6	
BEAVER DAM	33.8		37.8		39.7		59.8		67.3		74.6		78.6		74.5		67.6		58.3		43.6		33.0		55.7	
FORDS FERRY DAM SD	33.8		37.8		39.6		58.3		66.8		75.3		80.2		76.5		69.8		58.6		43.1		33.7		56.1	
GILBERTSVILLE 1 SE	36.3		39.4		42.1		61.5		68.7		76.6		81.0		76.5		70.5		59.5		45.8		35.5		57.8	
GOLDEN POND 8 N	34.6		38.2		40.5		59.0M		67.9		74.9		81.0		76.6		M		58.7M		45.7M		35.2		-	
GREENVILLE 2 W	34.4	-2.7	38.0	-1.4	39.7	-7.0	59.6	2.2	67.0	1.4	74.4	.0	79.1M	1.5	75.0	-1.6	68.8	-1.3	59.2M	-.3	44.6	-2.3	33.9	-4.8	56.1M	-1.4
HENDERSON 7 SSW	33.0	-3.1	37.6	-1.0	40.2	-5.9	58.8	1.6	67.3	1.1	75.2	-.2	79.7	1.1	75.1	-2.1	69.4	-1.3	58.9	-1.1	44.4	-2.2	33.0	-4.7	56.1	-1.4
HICKMAN 1 E	34.9		37.8		40.5		59.2M		67.2		75.4		79.4		75.4		68.3		59.8		46.3		36.1		56.7M	
HOPKINSVILLE	33.7	-3.6	37.9	-1.8	39.9	-7.0	58.7	.9	67.3	.6	74.5	-.8	81.1	2.6	76.6	-1.1	69.5	-1.7	58.4	-1.6	44.3	-2.6	34.2	-4.6	56.3	-1.8
LOVELACEVILLE	35.7	-1.8	38.8M	-1.4	40.5	-7.3	58.8	.3	67.4	.2	75.1	-.9	79.9	.9	75.7	-2.6	69.7	-1.7	59.0	-1.7	44.9	-2.4	34.9	-4.3	56.7M	-1.9
MADISONVILLE 1 SE	33.5		38.0		40.2		60.5		67.6		75.5		80.1		75.7		69.0		59.2		45.1		34.0		56.5	
MAYFIELD RADIO WNGO	36.9		39.9M		41.2M		60.9M		67.9M		76.1		M		75.6M		68.9M		58.1		45.0		35.3M		-	
MURRAY	34.6	-3.8	38.2	-2.7	40.6	-7.8	59.0	.1	67.2	-.4	74.7	-1.3	80.1	1.0	75.8	-2.8	69.3	-2.2	58.1	-2.8	44.8	-3.0	35.4	-4.7	56.5	-2.5
OWENSBORO 2 W	33.1	-2.7	38.3	-.1	40.1	-5.7	59.1	2.2	67.4	1.3	74.4	-.8	79.4	1.0	75.9	-1.0	69.3	-.9	59.3	-.1	44.2	-1.8	33.8	-3.7	56.2	-1.0
PADUCAH FAA AIRPORT	34.6		37.9		39.8		58.1		67.2		75.3		80.1		75.8		70.1		58.6		44.4		34.7		56.4	
PADUCAH	35.9		38.8		41.3		60.9		67.9		76.5		80.9		76.5		71.1		60.6		45.6		35.4		57.6	
PRINCETON 1 SE	35.4	-2.0	38.4	-1.4	40.6	-6.6	60.4	2.4	68.0	1.3	75.3	-.1	80.1	1.3	76.1	-1.7	69.7	-1.3	59.7	-.3	45.6	-1.4	34.5	-4.3	57.0	-1.2
ROCHESTER LOCK 3	32.3		36.9		37.7		57.3		65.5		73.6		78.9		73.7		67.5		56.1		43.2		32.2		54.6	
RUSSELLVILLE	33.0	-3.8	37.1	-1.8	38.7	-7.7	58.2	.7	66.2	-.2	73.8	-1.5	79.5	1.2	75.0	-2.2	68.3	-2.2	57.0	-2.1	43.6	-2.2	33.3	-5.0	55.3	-2.2
DIVISION	34.5	-2.7	38.2	-1.5	40.2	-6.7	59.3	1.4	67.3	.7	75.1	-.3	80.0	1.4	75.6	-1.9	69.2	-1.6	58.7	-1.3	44.7	-2.3	34.4	-4.4	56.4	-1.6
* * * CENTRAL 02																										
ANCHORAGE	32.1	-2.3	36.4M	.0	39.4M	-4.3	-		-		72.9	.5	77.1	1.2	73.7	-1.0	66.7M	-1.7	59.3	1.7	43.1	-1.3	32.7	-3.0	-	
BARDSTOWN NAZARETH COL	M		M		M		M		M		M		M		M		68.1		58.5		43.4		32.2		-	
BARREN RIVER RESERVOIR	32.7		37.2		37.7		57.9		65.7		74.2		80.4		74.9		68.5		58.0		43.7		33.0		55.3	
BOWLING GREEN FAA AP	34.5	-3.6	37.9	-2.2	39.6	-7.8	58.2	.1	67.1	-.1	74.9	-1.1	80.8	1.7	75.9	-2.0	68.7	-2.7	58.2	-1.8	43.5	-3.5	33.7	-5.4	56.1	-2.4
BRADFORDSVILLE	32.8		36.4		38.0		57.5		64.6		72.4		77.7		73.2		67.2		57.6		44.1		33.4		54.6	
CAMPBELLSVILLE 2 SSW	33.4		37.9		40.5		59.3		67.1		74.5		79.4		75.1		68.0		59.0		44.2		33.6		56.0	
CECILIA	32.9	-2.0	36.9	-.2	39.0	-5.4	57.8	2.2	66.5	1.7	73.7	.2	78.1	1.3	-		67.5	-1.6	57.9	-.2	42.6	-2.3	32.2	-4.1	-	
CLERMONT 1 SSE	32.9		36.8		38.8		58.1		65.9		73.3		77.8		73.8		67.6		57.7		42.8		31.8		54.8	
GLASGOW WKAY	33.6		37.0		39.0		58.7		66.4		74.6		79.4		75.2		67.7		58.5		43.6		33.0		55.6	
GREENSBURG	32.5	-4.4	36.5	-2.3	38.6	-7.3	57.8	1.2	66.4	.8	74.3	.2	80.2	2.8	75.4	-.7	68.4	-1.3	56.9	-1.2	43.5	-2.3	33.3	-4.7	55.3	-1.6
HODGENVILLE-LINCOLN NP	33.2M		37.6M		40.3M		M		66.8M		73.3M		78.3		75.0		68.5		59.1		44.2		33.0M		-	
IRVINGTON	32.7M	-3.6	37.4	-1.0	38.6	-7.2	58.7	1.9	66.0	.2	73.5	-.9	78.2	.5	73.8M	-2.7	67.3	-2.8	58.1	-1.1	42.9	-3.2	32.1	-5.6	54.9M	-2.2
LEITCHFIELD 2 N	32.6	-4.4	35.9M	-3.1	38.1	-8.2	57.8	.7	65.8	-.2	73.9	-.5	79.5	1.8	75.0	-1.7	67.7	-2.7	58.5	-1.0	43.4	-3.3	32.6	-5.8	55.1M	-2.3
LOUISVILLE	33.9		39.2		42.2		61.2		69.3		76.6		81.1		77.4		70.2		60.9		45.2		35.3		57.7	
LOUISVILLE WB AP	33.1	-1.9	36.9	1.1	39.9	-3.4	58.0	3.2	66.2	1.8	73.5	.1	78.7	1.1	74.7	-1.5	67.5	-2.0	57.3	-.6	43.3	-1.4	33.5	-2.8	55.2	-.5
MAMMOTH CAVE PARK	32.8		36.2		38.2		58.7		65.6		73.4		78.1		74.4		68.0		58.5		43.8		32.4		55.0	
NOLIN RIVER RESERVOIR	31.4M		35.9		37.3		57.0M		64.3		72.6		79.3		74.1		68.1		57.5		43.2		32.8		54.5M	
ROUGH RIVER DAM	30.8		35.5		37.4		57.3		65.7		73.6		79.1		74.5		67.7		57.0		42.7		31.6		54.4	
SCOTTSVILLE 3 SSW	35.3		39.0		41.1		60.3		67.6		74.5		79.6		75.7		69.0		59.5		45.4		34.6		56.8	
SUMMER SHADE	33.9		37.7		39.1		58.3		65.8		73.4		78.4		74.5		66.9		57.9		44.0		33.2		55.3	
WOLF CREEK DAM	33.8		36.8		38.2		56.9		64.3		71.7		77.4		73.7		67.1		57.1		43.7		34.5		54.6	
DIVISION	33.0	-3.6	37.1	-1.6	39.1	-6.8	58.3	1.6	66.2	.6	73.7	-.5	78.9	1.5	74.7	-1.5	67.9	-2.1	58.2	-.7	43.6	-2.5	33.1	-4.9	55.3	-1.7
* * * BLUE GRASS 03																										
BEREA COLLEGE	33.6	-4.0	37.0	-2.2	40.0	-6.2	59.2	2.2	66.8	1.2	73.9	.2	78.2	1.3	75.0	-.9	67.9	-1.9	59.3	.3	43.9	-2.7	34.0	-4.8	55.7	-1.5
CARROLLTON LOCK 1	32.1		36.3		39.5		58.0		65.2		72.8		77.5		73.3		67.0		57.7		42.9		32.6		54.6	
COVINGTON WB AIRPORT	30.2	-1.4	33.7	.0	37.3	-3.3	55.2	3.0	65.0	2.5	71.9	.1	77.3	1.9	74.0	-.1	66.5	-.7	55.7	-.4	40.3	-2.4	30.6	-2.7	53.1	-.3
CYNTHIANA 2	28.0M		33.0M		M		54.6M		63.7M		72.2		76.9		73.7M		67.2M		-		-		M		-	
DANVILLE	30.4		35.0		37.7		55.9		64.4		72.0		78.1		74.3		67.3		56.8		42.7		31.7		53.9	
DIX DAM	33.4		36.5M		39.2		58.5		65.5M		73.2		78.2M		74.4		68.0		59.1M		43.3M		33.5		55.2M	
FALMOUTH 5 WNW	30.1		33.5		36.6		55.2		63.7		71.0		75.6		71.6M		64.0		55.1		39.2		29.4		52.1M	
FARMERS 1 WNW	32.3	-4.0	36.2	-1.6	39.1	-5.8	57.1	1.7	64.7	.2	72.4M	.0	77.1	1.4	73.0	-1.2	66.5	-1.6	56.5	-.5	41.5	-3.6	32.4	-4.8	54.1M	-1.6
FLEMINGSBURG 1 SW	31.0		35.1		38.0		56.3		64.2		71.3		75.8		73.2		65.5		57.0		40.6		31.2		53.3	
FRANKFORT LOCK 4	30.3	-5.5	34.5	-2.9	37.0	-7.2	54.2	-.6	63.7	-.8	72.4	-1.3	78.0	.7	73.8	-2.2	67.2	-2.3	56.1	-2.1	41.5	-4.0	32.1	-4.9	53.4	-2.8
LEXINGTON WB AIRPORT	32.1	-2.4	36.2	.4	38.9	-4.3	56.3	1.9	65.5	1.0	72.8	-.8	77.8	.4	74.7	-1.3	67.8	-1.5	57.9	-.2	42.8	-1.9	32.7	-3.2	54.6	-1.0
MAYSVILLE SEWAGE PLANT	30.3	-4.5	34.6	-1.5	38.0M	-5.1	53.7	-.3	63.2	-.4	71.7	-.6	77.5	1.7	73.9	-.5	67.1	-1.0	56.3	-.8	41.2	-3.5	31.0M	-4.9	53.2M	-1.8
MOUNT STERLING	32.5		36.9		39.9		58.4		65.7		73.4		77.6		74.3		67.0		58.8		42.9		32.4		55.0	
OWENTON 2 S	30.6		34.2		36.9		56.4		65.1		M		-		-		-		-		-		-		-	
RICHMOND	32.4M		35.2		38.4		56.9		65.1		72.5		77.6		74.7		67.2		56.8		41.9		32.2		54.2M	
SHELBYVILLE	29.4	-5.6	34.0	-3.0	36.8	-7.4	54.4	-.6	64.0	-.4	71.1	-2.1	76.6	-.3	73.8	-1.7	66.4	-3.3	55.4	-3.2	40.7	-4.5	31.0	-5.4	52.8	-3.1
WARSAW MARKLAND DAM	28.9	-5.6	33.3	-2.9	35.8	-7.3	54.1	.1	63.0	-.5	70.9	-1.9	76.5M	.0	72.6	-2.8	66.6	-2.3	55.3M	-2.8	40.2	-4.8	30.4	-5.4	52.3M	-3.0
WAYNESBURG 7 NE	32.4		36.2		38.9		57.8		65.1		71.4		76.5M		73.3		66.2		57.3		42.9		32.9		54.2M	
WILLIAMSTOWN 3 NW	30.8	-3.2	35.4	-.5	38.8	-4.3	56.5	1.7	65.6	.9	72.3	-1.2	77.1	.1	74.2	-1.5	66.6	-2.9	57.7	-.7	42.0	-2.8	31.2	-4.3	54.0	-1.6
DIVISION	31.1	-4.8	35.1	-2.4	38.2	-6.4	56.2	.7	64.7	-.1	72.2	-1.2	77.2	.5	73.8	-1.7	66.8	-2.6	57.0	-1.4	41.8	-3.7	31.8	-5.3	53.8	-2.4
* * * EASTERN 04																										
ASHLAND	30.9	-6.2	34.2	-4.4	37.2	-8.2	54.5	-1.8	62.6	-2.8	71.4	-2.3	76.9	-.1	73.2	-2.6	66.2	-3.7	55.1	-3.7	40.8	-5.8	30.4	-7.9	52.8	-4.1
BARBOURVILLE	32.7		36.2		37.6		56.2		64.1		72.0		77.8		73.4		66.3		55.5		41.5		33.7		53.9	
BAXTER	32.7		35.5		37.3		55.3		62.9		71.2		77.5		73.1		66.7		54.8		40.8		32.5		53.4	
BLAINE	30.1		33.4		35.8		54.1M		62.0		70.8		76.6		72.9		65.3		53.9		39.6		29.4M		52.0M	
CUMBERLAND	35.1		35.9		38.0		57.2		63.3		M		M		72.7		64.5		56.2		41.1		34.7		-	
DEWEY DAM	30.8		34.6		37.3		55.7		63.8		72.4		74.5		70.2		64.9		54.2		40.9		31.7		52.6	
GRAYSON 5 SE	-		33.2M		36.2		53.6		62.2		70.9		76.3		72.5		64.7		53.7		39.9		29.9		-	
GRAYSON 3 SE	-		-		-		-		-		-		-		-		-		-		-		-		-	
HEIDELBERG LOCK 14	33.7		37.1		39.6		57.9		65.0		72.6		77.7		73.9		66.3M		57.7		43.0		33.7		54.9M	
HINDMAN 11 NNE	31.0		34.6		37.5		55.7		63.0		71.4		77.1		72.6		65.7		55.5		40.9		32.2		53.1	
HYDEN	32.2M		35.5		37.4		56.3M		63.6		72.0M		77.7M		73.0M		66.5M		55.2		40.0M		32.1		53.5M	
JACKSON	31.5		34.9		37.4		55.7		61.9M		M		79.2		74.8		67.4		55.6		41.5		33.2		-	
LONDON FAA AP	31.9		34.5		37.8		56.8		63.9		71.9		76.9		72.7		64.6		54.4		40.2		32.5		53.2	
MANCHESTER 4 SE	33.6		36.8		39.2		58.1		64.4		71.9		77.1		73.3		66.7		57.0		42.7		34.5		54.6	
MC KEE	28.8		32.3		34.6		53.6		61.2		69.8		75.4		71.2		64.3		52.9		39.0		30.4		51.1	
MIDDLESBORO	32.7		35.7M		37.7		55.9		62.8		71.0		77.1		72.9		66.0		55.1M		41.6		33.2		53.5M	
MONTICELLO	34.6		37.8		39.5		59.3		66.0		73.7		78.7		74.7		67.4		58.7		44.4		34.2		55.8	
MOUNT VERNON	33.3		35.5		37.5		58.2M		65.8		73.2		76.5		72.2		66.4		57.9		43.0		33.5		54.4M	
PIKEVILLE	38.9		39.3		42.3M		60.6M		67.4		75.1		79.7		76.3M		69.6		58.9M		45.0		36.1		57.4M	
SOMERSET 2 N	33.5		36.7M		38.2		58.1M		64.6		71.5		77.3		72.6		64.7		56.1		41.9		32.6		54.0M	
STEARNS	32.3M		34.4M		36.9M		55.7		64.1		71.7M		76.8		73.3M		65.4		54.2		42.1M		32.4M		53.3M	
TOMAHAWK 1 WSW	29.7		33.3		36.0		53.6		61.1		69.6		75.3		71.3		63.7		51.4		38.6		31.0		51.2	
VANCEBURG	29.3		32.2		36.5M		56.5		62.9		69.6		75.0		71.4		63.8		55.9		40.4		31.2		52.1M	
WEST LIBERTY	30.2		35.1		37.1		54.7		63.1		71.0		76.8		72.4		65.3		53.8		40.0		30.6		52.5	
WILLIAMSBURG 1 E	36.1	-3.6	38.4	-2.4	40.9M	-6.8	59.9M	2.4	65.9	-.4	72.9	-1.4	78.0	.8	74.0	-2.2	68.4	-1.8	59.3	.2	45.3	-1.5	35.4	-4.5	56.2M	-1.8
DIVISION	32.4	-5.7	35.3	-4.2	37.7	-8.6	56.4	-.3	63.7	-1.7	71.7	-1.6	77.0	.6	72.9	-2.4	65.9	-3.5	55.5	-2.8	41.4	-4.8	32.5	-6.2	53.5	-3.5

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January Precipitation	January Departure	February Precipitation	February Departure	March Precipitation	March Departure	April Precipitation	April Departure	May Precipitation	May Departure	June Precipitation	June Departure	July Precipitation	July Departure	August Precipitation	August Departure	September Precipitation	September Departure	October Precipitation	October Departure	November Precipitation	November Departure	December Precipitation	December Departure	Annual Precipitation	Annual Departure
* * * WESTERN 01																										
BARDWELL 4 E	9.68		1.80		2.39		5.65		2.00		6.47		3.09		1.62		1.83		4.52		3.86		5.00		47.91	
BEAVER DAM	6.48		1.52		1.47		6.15		2.76		8.23		3.31		3.63		1.07		3.04		3.50		4.32		45.58	
CALHOUN LOCK 2	6.47		1.38		2.83		4.90		4.50		7.31		7.04		3.45		1.33		2.19		4.59		3.63		49.62	
COBB	6.77		1.28		3.03		6.65		3.40		6.59		3.08		2.91		.55		3.21		5.67		5.78		48.92	
DAWSON SPRINGS	E 8.90		.59		2.01		7.45		2.03		12.70		5.86		3.47		.28		2.10		3.93		3.49		E 52.81	
DUNDEE 4 ESE	E 6.74		1.60		3.28		7.58		3.42		5.68		3.47		5.04		.41		2.80		3.77		4.41		E 48.20	
DUNMOR	6.40		2.39		2.91		6.91		3.31		11.16		2.86		4.57		1.68		2.67		3.26		5.83		53.95	
ELKTON 2 S	4.75		3.28		2.88		6.66		3.10		8.87		5.59		4.63		.96		2.80		3.90		5.30		53.74	
FORDS FERRY DAM 50	8.17	3.70	.76	-2.57	2.75	-2.05	4.73	.65	2.24	-1.54	10.30	6.75	2.67	-.49	1.98	-1.32	3.02	-.01	2.91	.47	4.48	.98	3.81	.64	47.82	5.21
FRANKLIN 1 E	3.46		3.04		2.62		5.43		2.25		12.25		2.43		3.54		.78		2.24		3.94		6.75		48.73	
GILBERTSVILLE 1 SE	8.56		1.83		E 2.35		5.53		3.51		3.67		3.45		7.72		.88		4.87		4.20		4.89		E 51.46	
GOLDEN POND 6 N	7.00		1.56		3.36		E 5.89		2.38		4.67		3.98		9.29		2.00		3.23		6.00		E 5.75		E 55.11	
GREENVILLE 2 W	5.84	.85	2.06	-1.65	2.36	-2.64	5.70	1.48	3.04	-1.04	11.73	7.55	3.76	-.61	5.71	2.10	1.51	-1.43	2.10	-.38	4.17	.41	5.10	1.23	53.08	5.87
HARTFORD 6 NW	6.83		1.43		2.73		6.23		2.67		6.25		4.25		4.83		1.61		2.49		E 4.21		3.52		E 47.05	
HENDERSON 7 SSW	7.11	2.10	1.60	-1.91	2.11	-3.02	3.57	-.92	3.38	-.85	4.59	.80	6.45	3.05	2.46	-.94	1.03	-1.95	4.15	1.35	3.89	.40	3.24	-.35	43.58	-2.24
HICKMAN 1 E	12.00		2.53		2.68		6.60		1.85		2.70		1.39		3.11		1.76		3.39		5.00		6.91		49.92	
HOPKINSVILLE	5.86	.51	2.64	-1.37	2.88	-2.20	7.80	3.72	2.27	-1.94	9.10	4.99	3.90	-.03	4.40	.97	1.16	-1.90	3.51	1.09	4.77	.87	6.02	2.02	54.25	6.73
LOVELACEVILLE	9.40	4.48	2.01	-2.12	2.41	-2.73	5.00	.64	2.36	-1.90	3.51	-.23	5.29	1.97	1.43	-1.82	2.96	-.12	4.46	1.33	3.77	-.23	5.29	1.28	47.89	.55
MADISONVILLE 1 SE	6.47		1.69		2.98		5.40		3.48		13.86		4.81		3.48		2.70		2.63		4.93		4.73		57.16	
MAYFIELD RADIO WNGO	E 9.52		2.81		2.92		5.77		2.11		6.R3		4.90		3.59		3.26		6.67		3.85		E 4.32		E 56.55	
MURRAY	6.92	1.73	2.48	-1.61	2.96	-2.34	6.63	2.51	2.03	-2.15	7.24	3.74	3.27	-.66	6.49	3.24	1.65	-1.44	4.56	1.69	5.33	1.33	6.38	2.28	55.94	8.32
OWENSBORO 2 W	5.76	1.11	1.64	-1.74	2.41	-2.52	5.21	1.19	2.89	-1.30	6.30	2.44	7.48	3.98	3.85	.40	2.10	-.95	2.52	.10	4.41	.90	3.39	.14	48.02	3.75
OWENSBORO DAM 46	6.74	2.16	1.46	-1.95	2.81	-2.02	4.89	.85	2.99	-1.20	6.89	3.07	5.96	2.70	3.57	.10	2.40	-.51	2.52	.13	4.66	1.20	3.25	.09	48.14	4.62
PADUCAH FAA AIRPORT	10.03		1.65		2.29		4.96		2.31		4.70		2.91		2.15		1.25		4.70		3.87		4.29		45.11	
PADUCAH	7.37	2.63	1.60	-2.16	1.97	-2.88	4.40	.14	1.70	-2.70	6.23	2.45	4.17	.69	3.46	.14	.62	-2.50	4.05	1.26	3.69	-.27	4.63	1.04	43.89	-2.16
PARADISE STEAM PLANT R	5.50		1.46		3.16		6.22		2.83		12.85		3.05		4.39		1.11		2.68		3.95		5.63		52.83	
PRINCETON 1 SE	7.36	2.16	1.85	-2.13	2.78	-2.21	4.86	.78	2.66	-1.31	10.27	6.46	3.90	.45	3.35	.02	1.63	-1.26	3.85	1.25	4.84	1.12	5.06	1.16	52.41	6.49
ROCHESTER LOCK 3	5.75		1.70		3.04		5.81		3.59		13.56		3.01		4.41		1.41		2.45		3.78		4.93		53.44	
RUSSELLVILLE	4.91	-.60	3.31	-1.01	3.18	-1.87	6.89	2.85	2.24	-1.52	12.79	8.89	3.40	-.91	3.49	.04	1.88	-1.53	2.75	.50	4.00	.12	7.13	2.98	55.97	7.94
SEBREE	7.03		1.89		2.87		4.81		2.78		6.39		5.22		5.85		1.48		E 3.36		4.68		E 3.73		E 50.09	
UNIONTOWN DAM 49 //	7.18	3.05	.68	-2.37	2.91	-1.47	2.98	-1.08	3.91	-.23	5.22	1.87	6.15	2.64	1.42	-1.93	.95	-2.09	2.42	-.31	4.00	.69	E 3.69	.72	E 41.51	-.51
DIVISION	7.59	2.60	1.95	-1.92	2.59	-2.43	5.61	1.48	2.57	-1.64	7.73	3.87	3.95	-.02	3.98	.59	1.77	-1.29	3.70	1.09	4.33	.54	5.01	1.20	50.78	4.07
* * * CENTRAL 02																										
ADDISON DAM 45 //	7.72	3.06	1.48	-2.20	2.77	-2.03	4.40	.53	4.92	.57	5.34	1.57	1.94	-1.83	4.23	1.08	2.35	-.75	2.30	-.09	3.80	.43	3.68	.27	44.93	.61
ALBANY 4 N	2.50		4.26		E 2.20		4.99		2.81		7.88		4.45		2.93		2.19		2.32		3.13		7.35		E 47.01	
ANCHORAGE	5.52	1.22	1.46	-1.72	2.36	-2.16	E 3.77	-.21	E 3.80	-.30	4.98	.76	1.85	-1.92	4.15	.60	E 1.36	-1.65	1.89	-.67	3.40	.07	E 3.35	.05	E 37.89	-5.93
BARDSTOWN NAZARETH COL	5.45		E 1.53		E 2.74		5.40		3.98		3.95		5.62		3.27		.84		1.57		3.93		4.96		E 43.18	
BARREN RIVER RESERVOIR	3.89		2.95		2.41		6.33		3.87		8.96		4.29		4.10		3.93		2.11		3.35		7.42		53.61	
BOWLING GREEN	E 5.20		3.33		2.44		6.38		3.44		13.32		3.84		2.32		.51		2.43		4.21		6.28		E 53.70	
BOWLING GREEN FAA AP	4.93	-.77	3.02	-1.10	2.62	-2.64	5.69	1.63	3.18	-.59	11.11	6.95	1.59	-2.60	3.27	-.33	.91	-2.16	2.96	.58	3.44	-.17	6.11	1.77	48.83	.57
BRADFORDSVILLE	E 3.97		1.89		1.46		5.27		2.82		4.98		5.41		4.71		1.72		2.30		3.61		E 6.21		E 44.35	
BROWNSVILLE	5.01		2.35		2.90		6.19		4.78		8.03		2.29		4.18		.74		2.86		3.70		5.81		48.84	
BURKESVILLE 2 W	3.47		3.94		2.09		3.67		3.52		R.29		2.49		2.38		2.26		1.88		2.76		6.81		43.58	
CAMPBELLSVILLE 2 SSW	4.18		2.77		1.86		5.69		3.82		5.00		2.95		4.46		2.10		2.12		3.08		5.79		43.82	
CANEYVILLE	8.29		2.08		3.07		5.53		3.51		4.79		2.47		5.43		.83		2.40		3.53		5.28		47.21	
CECILIA	6.43	1.27	2.04	-1.82	2.40	-2.38	4.26	.04	3.88	-.25	5.06	.70	2.75	-1.37	E 4.91	1.27	1.36	-1.38	3.48	.94	4.27	.71	5.04	1.28	E 45.88	-.99
CLERMONT 1 SSE	5.69		1.42		2.87		3.57		4.48		5.06		5.37		3.75		.37		1.49		3.07		4.73		41.87	
EDMONTON	3.92		2.44		2.43		5.29		4.93		8.40		.80		4.05		.85		2.24		2.62		6.16		44.13	
GAMALIEL 1 S	3.79		3.87		2.37		4.70		3.86		14.41		2.36		5.02		.83		1.86		2.88		7.15		53.10	
GLASGOW	3.90		E 3.13		2.84		E 6.16		5.12		6.80		4.04		4.20		1.14		2.59		3.83		E 6.73		E 50.48	
GLASGOW WKAY	4.99		3.11		2.29		5.71		E 5.01		6.57		2.48		4.93		1.22		E 2.64		3.67		6.10		E 48.78	
GLENDALE 1 E	6.25		1.61		2.96		5.09		2.87		3.37		2.18		4.57		.47		2.21		3.34		4.82		39.74	
GREENSBURG	3.74	-1.61	2.50	-1.47	2.30	-2.94	4.75	.88	3.58	-.70	4.86	.03	2.31	-2.16	5.21	1.35	1.44	-1.74	3.38	1.00	3.44	-.12	6.62	2.66	44.13	-4.82
GREENSBURG HIWAY 61	3.51		2.68		2.22		4.99		3.25		5.04		1.93		5.57		1.90		2.48		3.51		6.77		43.85	
HODGENVILLE-LINCOLN NP	5.20		2.05		2.02		4.85		3.09		3.98		2.75		4.48		.86		1.95		E 4.95		E 5.04		E 41.62	
IRVINGTON	6.25	1.79	1.33	-2.27	1.92	-2.70	4.37	.46	3.37	-.74	3.22	-1.20	3.91	.37	5.19	2.05	1.00	-1.84	1.14	-1.27	3.19	-.23	3.78	.34	38.67	-5.24
LEITCHFIELD 2 N	3.63	-1.70	2.18	-1.81	2.66	-2.41	5.32	1.14	2.61	-1.51	4.03	-.47	2.22	-1.89	5.06	1.68	.79	-2.18	2.50	-.15	3.40	-.49	4.66	.64	39.06	-9.15
LIBERTY	4.04		2.28		1.78		5.55		2.46		4.67		4.78		2.81		1.37		2.66		2.96		6.59		41.95	
LOUISVILLE	4.89		1.08		E 2.43		3.74		4.23		3.67		3.24		3.31		1.03		1.96		3.19		3.41		E 36.18	
LOUISVILLE WB AP R	5.31	1.21	1.65	-1.64	1.94	-2.65	3.77	-.05	3.91	.01	2.97	-1.02	4.05	.69	3.65	.68	1.06	-1.55	1.69	-.56	3.08	-.12	3.69	.47	36.79	-4.53
LOUISVILLE UPPER GAGE	5.88		1.45		1.97		4.25		3.59		4.21		2.43		2.63		1.45		1.65		3.35		3.49		36.35	
MAMMOTH CAVE PARK	6.65		3.09		2.66		5.93		5.27		6.51		1.73		4.95		1.70		2.85		3.80		6.48		51.02	
MILLERSTOWN	6.07		1.90		2.71		5.77		1.85		3.80		1.46		5.72		.55		2.30		3.74		5.11		40.98	
MUNFORDVILLE	4.62		2.12		2.59		4.99		4.99		E 5.11		1.20		6.54		1.36		2.90		E 4.38		6.77		E 47.57	
NOLIN RIVER RESERVOIR	4.85		2.08		2.74		6.21		4.50		7.20		1.14		4.89		1.43		2.40		3.30		5.44		46.18	
ROUGH RIVER DAM	6.14		1.59		3.19		5.79		2.20		3.75		3.10		7.57		.61		1.81		3.47		E 4.33		E 43.55	
SCOTTSVILLE 3 SSW	5.09		3.37		1.76		5.40		7.39		14.79		2.58		4.79		2.04		2.89		3.68		6.70		60.48	
SCOTTSVILLE 2 SW	3.93		3.22		2.40		4.87		6.30		14.43		2.10		4.52		1.74		2.38		2.84		7.05		55.78	
SHEPHERDSVILLE	E 4.80		E 1.23		2.33		3.97		3.18		3.05		4.92		4.28		.20		1.15		E 3.02		4.27		E 36.40	
SUMMER SHADE	4.63		3.22		2.09		6.10		5.00		10.17		2.05		4.93		1.45		2.39		3.02		7.66		51.76	
WOLF CREEK DAM	3.55		3.51		1.99		4.60		3.53		9.49		1.74		2.36		2.54		1.83		2.90		7.57		45.81	
WOODBURY LOCK 4	6.06	.89	2.36	-1.57	2.90	-1.98	7.62	3.56	2.53	-1.32	12.23	8.14	1.66	-2.46	3.39	.17	2.17	-1.20	2.23	-.26	3.50	-.26	5.24	1.46	52.39	5.17
DIVISION	5.00	-.12	2.28	-1.56	2.32	-2.67	5.07	1.04	3.98	-.01	6.21	1.89	3.01	-1.14	4.44	.90	1.42	-1.61	2.25	-.22	3.49	-.09	5.48	1.63	44.95	-1.96
* * * BLUE GRASS 03																										
BEREA COLLEGE	2.03	-2.93	2.01	-1.75	1.46	-3.18	4.33	.25	3.22	-.57	5.39	.55	3.89	-1.27	4.22	.10	3.30	.48	1.98	-.19	2.99	-.30	6.25	2.67	41.07	-6.14
BEREA	2.35		1.90		1.72		4.35		3.18		5.12		3.68		4.08		2.68		2.09		2.96		5.86		39.97	
CARROLLTON LOCK 1	4.57	.73	1.40	-1.61	1.79	-2.37	4.29	.71	3.76	.26	5.10	.96	3.91	.31	4.85	1.38	1.41	-1.42	1.51	-.84	3.43	.36	2.97	.36	38.99	-1.17
COVINGTON WB AIRPORT R	4.64	1.08	1.27	-1.64	1.42	-2.37	3.59	.37	2.05	-1.54	4.91	1.02	3.28	-.33	2.15	-.45	2.87	.04	1.53	-.73	3.67	.66	2.59	-.16	33.97	-4.05
CYNTHIANA	3.91	-.24	1.38	-1.84	1.51	-3.04	4.21	.42	2.84	-.60	3.80	-.12	6.09	2.29	3.08	-.25	1.13	-1.60	1.68	-.38	3.34	.10	3.47	.44	36.44	-4.82
CYNTHIANA 2	E 3.32		E 1.33		E 1.67		3.86		2.61		3.61		5.41		3.12		1.18		E 1.68		E 3.51		E 3.51		E 34.81	
DANVILLE	3.00	-2.10	1.97	-2.01	1.61	-3.35	3.48	-.50	2.63	-1.33	4.39	-.30	3.13	-1.48	5.11	1.17	1.48	-1.59	1.92	-.22	3.36	.04	5.81	2.27	37.89	-9.40
DIX DAM	3.30		1.31		1.73		4.04		3.30		3.33		3.61		5.50		3.12		1.13		3.56		E 5.17		E 39.10	
FALMOUTH 5 WNW	3.72	-.17	.92	-2.33	1.60	-2.93	3.31	-.63	2.83	-1.05	3.42	-1.01	5.45	1.19	4.67	1.66	3.35	.44	1.45	-.78	3.32	-.11	2.42	-.62	36.46	-6.34
FARMERS 1 WNW	2.11	-2.34	1.32	-2.31	1.77	-2.86	3.13	-.74	2.50	-1.56	3.18	-1.31	4.32	-.47	3.88	-.23	2.22	-.86	1.80	-.46	3.05	-.16	4.19	.96	33.47	-12.34
FLEMINGSBURG	3.72	-.80	1.53	-1.80	1.46	-3.38	2.51	-1.42	3.45	-.59	3.82	-.52	3.65	-.99	2.46	-1.47	1.33	-1.94	1.14	-.99	3.25	-.15	4.14	.78	32.46	-13.27
FLEMINGSBURG 1 SW	3.56		1.45		1.42		2.46		3.45		3.71		3.31		2.63		1.21		1.22		E 2.82		4.00		E 31.24	
FORD LOCK 10	3.16	-1.25	1.06	-2.49	1.61	-2.65	3.44	-.22	2.30	-1.49	2.72	-1.78	2.76	-2.42	4.60	.76	1.43	-1.41	1.56	-.48	2.91	-.23	4.80	1.49	32.35	-12.17
FRANKFORT LOCK 4	3.85	-.47	1.31	-1.91	1.71	-2.77	3.91	-.11	2.85	-1.08	3.43	-.64	1.56	-2.94	4.65	1.21	1.37	-1.34	1.35	-1.02	3.23	-.15	3.35	.24	32.57	-10.98
GEORGETOWN WATER WORKS	3.48		1.40		1.64		4.13		3.25		4.14		1.45		4.74		.12		1.37		3.14		4.01		32.87	
GEST LOCK 3	2.39	-1.63	.61	-2.48	1.23	-3.18	2.63	-1.24	4.06	.45	4.12	-.03	5.04	.69	4.05	.76	2.05	-.87	1.86	-.31	3.18	.00	3.20	.28	34.42	-7.56
HIGH BRIDGE LOCK 7	3.56	-1.23	1.14	-2.60	1.60	-2.84	4.17	.34	3.42	-.28	4.59	-.09	4.32	-.45	5.30	2.03	1.30	-1.76	1.51	-.63	2.88	-.44	4.85	1.50	38.62	-6.50
KEENE 1 SSW	5.13		1.03		1.77		4.73		4.76		5.19		5.44		5.54		.86		1.06		3.47		4.11		43.14	

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
LA GRANGE 1 ESE	5.78		1.55		1.95		3.41		3.73		5.09		2.56		5.42		1.54		2.22		3.62		3.57		40.42	
LANCASTER	2.90-	2.33	1.92-	2.29	1.80-	3.41	4.40	.66	2.83-	1.22	4.14-	.56	3.47-	1.84	4.91	1.07	2.09-	.82	1.82-	.39	3.79	.19	6.91	3.12	41.04-	7.84
LEXINGTON WB AIRPORT R	4.26-	.68	1.60-	1.82	1.50-	3.25	3.83-	.21	3.78-	.07	4.61-	.11	4.37	.39	5.96	2.75	.45-	2.31	1.53-	.75	3.42	.13	4.15	.70	39.50-	5.23
LITTLE HICKMAN LOCK 8	2.88-	1.95	1.29-	2.57	1.40-	3.34	3.55-	.17	2.74-	1.03	3.65-	1.08	2.35-	2.31	5.79	1.84	.76-	2.06	1.72-	.29	3.42	.21	5.51	2.09	35.08-	10.66
LOCKPORT LOCK 2	4.40-	.09	1.24-	2.21	1.91-	2.76	3.90-	.34	4.02	.00	4.40-	.07	3.65-	.37	3.92	.65	1.34-	1.66	1.94-	.49	3.60	.13	3.28	.01	37.66-	7.20
MAYSVILLE SEWAGE PLANT	3.50-	.67	1.46-	1.93	1.61-	2.87	3.26-	.52	3.25-	.45	3.75-	.45	3.52-	.95	2.59-	1.15	2.30-	.82	1.37-	.97	4.01	.87	3.40	.21	34.30-	9.70
MIDWAY	3.67		1.22		1.89		4.23		3.32		3.95		1.70		5.75		.49		1.93		3.26		4.02		35.49	
MOUNT STERLING	3.95-	.94	1.09-	2.59	E 1.88-	2.97	3.48-	.66	4.07	.10	3.50-	1.03	5.44	.51	6.38	2.83	2.35-	.63	1.34-	.91	2.60-	.50	4.59	1.01	E 40.67-	5.98
OWENTON 2 S	4.41		1.36		2.04		4.45		3.96		E 3.83		-		-		-		-		-		-		-	
RICHMOND	2.75		1.85		1.85		4.49		2.47		4.52		3.61		4.81		1.07		2.07		3.14		5.85		38.48	
SALVISA LOCK 6	4.66-	.48	1.46-	2.38	2.45-	2.53	4.86	.87	6.93	3.15	5.33	.89	4.76	.58	5.78	1.70	.67-	2.62	1.39-	.93	3.70	.17	5.08	1.60	47.07	.02
SHELBYVILLE	4.57-	.11	1.45-	2.09	2.47-	2.65	4.15-	.04	4.07	.06	4.09-	.35	1.73-	2.16	4.00	.38	1.46-	1.47	1.59-	.90	3.56-	.08	3.89	.43	37.05-	6.98
SPRINGFIELD	3.72		1.32		2.05		4.60		4.20		4.01		3.67		6.25		1.28		1.60		2.96		E 4.85		E 40.53	
TAYLORSVILLE	4.86		1.39		2.61		5.05		3.45		E 3.54		3.01		4.00		1.36		1.67		3.63		4.29		E 38.86	
TYRONE LOCK 5	3.45-	1.26	1.02-	2.58	2.13-	2.66	4.99	.89	3.97	.33	3.78-	.43	2.70-	1.48	5.99	2.20	1.53-	1.49	1.60-	.76	3.61	.10	4.18	.69	38.95-	6.47
VALLEY VIEW LOCK 9	3.34-	1.32	1.02-	2.77	1.49-	2.97	3.59	.00	3.10-	.57	2.91-	1.58	4.02-	1.18	4.82	.54	.26-	2.85	1.68-	.32	3.29	.00	4.86	1.46	34.38-	11.50
WARSAW MARKLAND DAM	5.20	1.20	1.56-	1.72	2.70-	1.70	4.40	.52	4.15	.51	3.59-	.58	5.23	1.35	4.28	.90	1.29-	1.58	1.96-	.32	3.73	.70	3.18	.29	41.27-	.43
WAYNESBURG 7 NE	3.58		2.11		1.88		5.03		2.52		4.41		4.74		3.60		3.64		2.29		3.18		6.77		43.77	
WILLIAMSTOWN 3 NW	3.84-	.27	1.27-	2.12	1.91-	2.65	3.67-	.33	3.12-	.84	3.82-	.43	4.83	.81	3.89	.66	1.31-	1.80	1.34-	1.03	4.15	.87	2.44-	.57	35.62-	7.70
DIVISION	3.69-	.94	1.48-	2.08	1.79-	2.84	3.85-	.05	3.19-	.70	4.03-	.41	3.96-	.64	4.20	.59	1.97-	.97	1.61-	.68	3.37	.10	4.14	.78	37.34-	7.84
◆ ◆ ◆																										
EASTERN 04																										
ASHLAND	2.78-	1.00	1.11-	1.96	1.27-	2.88	2.70-	.69	2.63-	1.32	3.18-	.68	2.68-	1.34	4.75	1.43	1.86-	1.01	2.16	.26	2.22-	.48	4.43	1.60	31.71-	8.09
BARBOURVILLE	3.08		4.84		1.62		2.28		3.83		6.16		6.13		2.15		3.62		2.16		3.64		6.70		46.21	
BAXTER	2.98		4.69		1.92		2.35		3.29		5.35		2.93		3.72		2.67		2.05		3.16		6.98		42.09	
BLAINE	2.38		1.90		1.56		2.96		1.62		3.02		3.83		4.56		3.47		E 1.78		1.69		5.31		E 34.10	
BUCKHORN	2.91		2.16		1.70		3.56		3.23		3.63		4.62		1.78		2.05		1.15		2.85		6.41		36.00	
BURDINE 2 NE	2.70		4.15		E 1.54		2.95		2.25		3.29		6.45		3.50		2.17		1.81		2.42		7.12		E 40.35	
CLAY CITY 1 WNW	3.45		1.90		1.95		3.93		3.67		5.45		4.24		6.65		1.54		1.72		3.17		5.71		43.38	
COLLEGE HILL LOCK 11	2.29-	2.14	1.05-	2.54	1.11-	3.30	4.27	.66	2.85-	.78	2.85-	1.37	4.89-	.2	5.01	1.1	1.49-	1.26	1.76-	.22	2.95-	.24	5.22	1.89	35.74-	8.47
CUMBERLAND	3.09		3.94		2.79		3.08		3.27		5.02		5.02		4.11		2.08		1.91		3.89		7.94		46.14	
CUMBERLAND FALLS ST PK	2.09		3.31		1.25		4.64		3.12		5.09		4.15		1.36		3.42		1.65		2.37		6.39		38.83	
DEWEY DAM	1.90		1.79		1.80		3.13		2.90		3.33		4.09		4.00		4.80		1.40		2.65		E 5.97		E 37.76	
ELKHORN CITY	-		-		-		-		1.70		-		-		-		-		-		-		6.16		-	
FISHTRAP RESERVOIR	-		-		-		-		-		-		5.90		2.30		2.56		.97		2.59		6.87		-	
FREEBURN 2 SW	2.47		2.31		2.17		2.82		2.50		2.86		3.63		3.45		1.03		1.15		2.88		6.82		34.09	
FRENCHBURG	4.21		1.68		2.04		E 3.60		E 2.88		E 3.69		2.70		4.89		1.85		1.64		2.78		8.30		E 40.26	
GRAYSON 5 SE	-		-		1.41		3.04		1.89		2.71		3.85		4.35		2.20		1.50		2.37		4.96		-	
GRAYSON 3 SE	-		-		-		-		-		-		-		-		-		-		-		-		-	
GRAYSON RESERVOIR	-		-		-		-		-		-		3.65		4.38		2.81		1.89		2.30		4.52		-	
HAZARD WATER WORKS	3.12		3.39		2.53		2.26		4.00		4.51		3.59		2.39		1.72		1.66		2.97		7.05		39.21	
HEIDELBERG LOCK 14 R	2.22-	2.35	1.90-	2.10	1.75-	2.96	4.97	1.30	2.02-	1.67	4.77	.38	3.40-	1.74	3.49-	.52	1.77-	1.01	1.79-	.24	3.35	.04	5.80	2.52	37.23-	8.35
HINDMAN 11 NNE	3.39		1.99		1.91		3.58		2.69		2.48		5.56		2.94		2.28		.84		2.37		4.67		34.70	
HYDEN	3.48		3.08		2.39		3.15		3.57		4.74		4.26		2.73		.55		1.68		3.04		6.57		39.24	
JACKSON	2.16		2.03		1.78		4.04		1.64		E 3.51		2.78		3.30		3.00		1.54		2.67		6.60		E 35.05	
JEREMIAH	1.49		2.36		E 2.29		E 2.59		2.64		4.05		3.07		1.97		3.40		1.59		3.07		6.71		E 35.23	
LLOYD GREENUP DAM	3.32-	.41	.93-	2.14	1.14-	2.98	2.32-	1.41	3.21-	.67	3.46-	.68	3.59-	.77	3.92	.38	4.79	1.80	1.64-	.60	2.51-	.15	3.59	.77	34.42-	6.86
LONDON FAA AP	3.06		2.49		1.27		2.87		2.07		4.92		2.91		2.24		2.01		1.24		2.96		5.62		33.66	
LOUISA 2	1.61		1.45		1.35		3.45		1.78		1.92		3.33		4.07		3.60		1.74		1.83		5.31		31.44	
MANCHESTER 4 SE	3.34		2.85		1.74		3.51		3.99		5.44		3.38		3.00		1.46		2.14		4.21		6.41		41.47	
MARTIN	2.31		2.13		2.51		2.95		3.55		4.76		5.19		3.13		1.11		1.70		2.80		5.86		38.00	
MC KEE	3.19		2.22		2.36		5.34		3.65		5.25		4.94		3.01		2.93		2.31		3.57		6.55		45.32	
MIDDLESBORO	3.18		6.41		1.32		2.94		2.04		7.98		3.90		2.49		1.59		2.03		3.66		9.03		46.57	
MONTICELLO	2.69		3.95		2.12		6.02		3.53		7.46		1.78		3.65		2.42		1.87		3.19		6.65		45.33	
MOUNT VERNON	3.32		3.15		1.94		5.11		2.39		6.68		3.45		4.58		3.59		1.91		3.69		6.90		46.71	
ONEIDA	3.45		2.44		1.99		3.96		2.67		4.30		7.77		1.87		1.61		1.50		3.60		5.71		40.87	
PAINTSVILLE 1 S	1.60		2.01		1.82		3.60		2.03		2.61		6.03		5.47		1.62		1.67		1.71		5.22		35.39	
PIKEVILLE	1.42-	2.35	2.00-	1.80	2.17-	2.35	2.05-	1.60	2.50-	1.51	2.25-	2.15	5.85	.6	2.15-	1.8	2.52-	.52	.68-	1.41	2.58-	.05	6.29	3.12	32.46-	11.76
PINEVILLE 4 NW	3.17		5.32		1.89		2.70		2.49		6.68		3.61		2.73		3.70		1.96		3.50		6.65		44.40	
RAVENNA LOCK 12	1.74-	2.58	1.42-	2.03	1.45-	2.96	3.51-	.27	2.28-	1.32	4.44	.28	2.32-	2.94	4.45	.21	3.18	.27	2.05	.11	3.07-	.19	5.77	2.74	35.68-	8.68
SALYERSVILLE 2 SE	2.18		1.54		1.66		3.47		2.00		4.31		3.48		4.43		1.83		1.37		2.36		4.02		32.60	
SOMERSET 2 N	E 4.55		4.81		1.77		5.53		4.61		6.94		2.10		3.94		2.14		2.41		3.15		E 5.68		E 47.63	
STEARNS	2.65		4.81		1.99		5.13		3.17		5.09		4.32		2.36		3.29		1.94		2.85		8.00		45.30	
TILFORD	2.11		2.63		E 3.05		2.57		2.85		5.31		4.30		3.45		3.36		1.98		E 4.65		E 7.26		E 43.52	
TOMAHAWK 1 WSW	2.15		1.84		2.05		3.62		2.70		3.93		5.50		5.34		2.31		1.72		3.01		5.58		39.75	
VANCEBURG	E 2.92-	1.19	.58-	2.82	E 1.91-	2.56	2.81-	.88	1.91-	2.18	4.53	.23	4.14-	.42	3.73	.04	2.07-	.63	1.64-	.64	4.80	1.72	E 3.40	.29	E 34.44-	9.04
WEST LIBERTY	2.80		1.51		1.63		3.73		2.46		2.45		3.32		5.99		1.59		1.97		2.92		5.65		35.96	
WILLIAMSBURG 1 E	2.22-	2.44	4.91	.49	1.63-	3.16	3.24-	.70	3.31-	.72	5.79	1.87	3.37-	1.53	1.72-	2.05	1.54-	1.15	1.70-	.65	3.38-	.05	7.18	3.34	39.99-	6.75
WILLOW LOCK 13	2.09-	2.81	1.70-	2.56	1.71-	3.21	4.43	.74	2.36-	1.49	3.07-	1.36	2.15-	2.85	4.07-	.13	.65-	2.19	1.90-	.24	3.27-	.18	6.40	2.87	33.80-	13.39
DIVISION	2.82-	1.68	2.99-	1.04	1.84-	2.86	3.63-	.12	2.82-	1.16	4.71	.44	3.90-	.86	3.50-	.30	2.40-	.41	1.77-	.51	3.13-	.08	6.20	2.57	39.71-	6.01

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

A SPECIAL WEATHER SUMMARY DESCRIBING UNUSUAL WEATHER WAS PUBLISHED IN ALL 1969 MONTHLY ISSUES OF THIS BULLETIN EXCEPT FOR OCTOBER.

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
* * *																													
WESTERN 01																													
BARDWELL 4 E	99	8- 9	8	1- 4	1-12	15	3-16	20	3-17	23	3-31	25	3-31	25	10-15	32	10-28	24	10-28	24	11-15	19	NONE			244	225	211	198
BEAVER DAM	96	8- 9	- 5	1- 5	3-13	14	3-31	17	3-31	17	3-31	17	4-20	32	10-15	30	10-18	26	10-28	22	11-14	20	11-15	15	247	228	211	201	178
FORDS FERRY DAM 50	98	8- 9	6	1- 4	1-12	16	3-13	19	3-31	23	3-31	23	3-31	23	10-28	31	11-14	21	11-14	21	11-15	20	NONE			247	228	228	211
GILBERTSVILLE 1 SE	101	8- 9	7	1- 4	1-10	14	3-16	20	3-16	20	3-31	27	3-31	27	10-28	28	10-28	28	11-14	20	11-14	20	NONE			243	243	211	211
GOLDEN POND 8 N	99	8-10	7	1- 5+	1-11	14	3-16	19	3-16	19	3-31	26	4- 1	32	11-14	24	11-14	24	11-14	24	11-15	19	NONE			244	243	228	227
GREENVILLE 2 W	95	8- 9	- 5	1- 5	3-13	15	3-31	18	3-31	18	3-31	18	4-20	31	10-18	28	10-18	28	11-14	21	11-15	15	11-15	15	247	229	228	201	181
HENDERSON 7 SSW	96	8- 9	5	1- 4	3-12	15	3-13	19	3-31	21	3-31	21	3-31	21	10-18	32	11-14	22	11-14	22	11-15	18	12-24	13	287	247	228	228	201
HICKMAN 1 E	98	7- 5	6	1- 5	1-12	14	3-14	20	3-27	22	3-31	26	3-31	26	10-18	31	10-28	27	11-14	22	11-15	20	NONE			246	232	211	201
HOPKINSVILLE	101	8-10	5	1- 4	3-12	16	3-13	19	3-31	24	4- 1	27	4- 1	27	10-24	32	11-14	23	11-14	23	11-15	18	12-27	16	290	247	228	227	206
LOVELACEVILLE	98	8- 9+	7	1- 4	3-12	16	3-16	19	3-31	24	3-31	24	3-31	24	10-18	31	10-28	26	11-14	21	11-15	20	NONE			244	228	211	201
MADISONVILLE 1 SE	98	7-10	- 1	1- 5	3-12	13	3-31	19	3-31	19	3-31	19	3-31	19	10-18	31	10-28	26	11-14	20	11-14	20	12-27	13	290	228	228	211	201
MAYFIELD RADIO WNGO	102	6-30	9	1- 4	3-13	11	3-16	19	3-31	23	3-31	23	3-31	23	10-15	31	10-24	27	10-28	22	11-14	20	NONE			243	211	207	198
MURRAY	96	8-10	7	1- 4	1-11	15	3-12	19	3-16	24	3-31	25	4- 1	32	10-28	28	10-28	28	11-14	22	11-15	19	NONE			248	243	211	210
OWENSBORO 2 W	96	8- 9	5	1- 5+	3-12	14	3-31	20	3-31	20	3-31	20	3-31	20	10-18	29	10-28	28	11-14	22	11-15	18	12-27	10	290	229	228	211	201
PADUCAH FAA AIRPORT	98	8- 9	8	1- 4	1-12	16	3-15	20	3-16	21	3-31	25	3-31	25	10-23	27	10-23	27	11-14	21	12-16	20	NONE			276	243	206	206
PADUCAH	98	8- 9	7	1- 4	1-12	16	3-16	20	3-16	20	3-31	25	3-31	25	10-28	27	10-28	27	11-14	22	12-16	19	NONE			275	243	211	211
PRINCETON 1 SE	97	8- 9	5	1- 4	3-12	12	3-31	20	3-31	20	3-31	20	3-31	20	10-18	30	10-28	28	11-14	21	11-15	18	12-16	16	279	229	228	211	201
ROCHESTER LOCK 3	95	8-10	- 6	1- 5	3-13	13	3-16	19	4- 1	22	4- 1	22	4- 1	22	10-16	29	10-24	27	11-15	17	11-15	17	12-16	16	278	244	228	206	200
RUSSELLVILLE	96	8-10	6	1- 5+	3-12	12	3-31	18	3-31	18	4- 1	25	4-20	32	10-18	29	10-28	26	11-14	22	11-15	16	11-15	16	248	229	228	210	181
* * *																													
CENTRAL 02																													
ANCHORAGE	92	7-19+	1	1- 4	3-31	16	3-31	16	-		-		-		10-18	29	10-23	28	11-14	21	11-15	16	11-15	16	229	229	-	-	-
BARDSTOWN NAZARETH COL		-	0	1- 4	3-31	16	3-31	16	3-31	16	3-31	16	4- 7	32	10-15	32	10-23	27	10-24	23	11-15	16	11-15	16	229	229	207	206	191
BARREN RIVER RESERVOIR	98	7- 6	1	1- 5	3-15	14	3-31	20	3-31	20	4- 1	25	4-20	32	10-18	30	10-28	26	11-15	11	11-15	11	11-15	11	245	229	229	210	181
BOWLING GREEN FAA AP	99	8- 9	3	1- 5	3-12	15	3-12	15	3-31	21	3-31	21	3-31	21	10-18	30	11-14	17	11-14	17	11-14	17	12-26	14	289	247	228	228	201
BRADFORDSVILLE	95	8-10+	-10	1- 4	3-31	15	3-31	15	3-31	15	4-20	28	5- 1	30	10-15	31	10-18	24	10-18	24	11-15	15	11-15	15	229	229	201	181	167
CAMPBELLSVILLE 2 SSW	96	8- 9+	-11	1- 5	3-31	16	3-31	16	3-31	16	3-31	16	4-20	32	10-18	29	10-24	25	11-14	22	11-15	15	11-15	15	229	229	228	207	181
CECILIA		-	1	1- 5	3-31	12	3-31	12	3-31	12	3-31	12	4-20	32	10-18	25	10-18	25	10-28	24	11-14	20	11-15	16	229	228	211	201	181
CLERMONT 1 SSE	96	7- 5	- 2	1- 5	3-31	13	3-31	13	3-31	13	4- 1	26	4-20	30	10-15	31	10-18	24	10-18	24	10-24	20	11-15	15	229	207	201	200	178
GLASGOW WKAY	97	8- 9	- 1	1- 5	3-13	15	3-31	18	3-31	18	3-31	18	4-20	32	10-18	30	11-14	20	11-14	20	11-14	20	11-15	14	247	228	228	228	181
GREENSBURG	98	7- 1	- 8	1- 5	3-13	15	3-31	19	4- 1	23	4- 1	23	4-20	32	10-18	29	10-24	26	11-15	15	11-15	15	11-15	15	247	229	228	206	181
HODGENVILLE-LINCOLN NP	97	8- 9	0	1- 5	-		-		-		-		4-20	31	10-18	27	10-18	27	10-24	24	11-15	15	11-15	15	-	-	-	-	181
IRVINGTON	96	8-10	0	1- 5	3-31	15	3-31	15	3-31	15	3-31	15	4-20	30	10-15	32	10-18	25	10-28	21	11-15	16	11-15	16	229	229	211	201	178
LEITCHFIELD 2 N	98	8- 9	2	1- 5	3-31	16	3-31	16	3-31	16	3-31	16	4-20	32	10-18	27	10-18	27	10-28	24	11-14	20	11-15	16	229	228	211	201	181
LOUISVILLE	98	7- 6	2	1- 4	1-26	16	3-12	19	3-31	23	3-31	23	3-31	23	11-14	24	11-14	24	11-14	24	11-15	20	NONE			248	228	228	228
LOUISVILLE WB AP	94	7- 5	4	1- 4	3-12	15	3-31	19	3-31	19	3-31	19	3-31	19	10-18	30	10-28	28	11-14	21	11-15	20	NONE			229	228	211	201
MAMMOTH CAVE PARK	97	8- 9	- 6	1- 5	3-31	13	3-31	13	3-31	13	3-31	13	4-30	30	10-18	27	10-18	27	11-14	21	11-15	13	11-15	13	229	229	228	201	171
NOLIN RIVER RESERVOIR	98	8-10	- 5	1- 5	3-31	16	3-31	16	3-31	16	4- 1	27	4- 1	27	10-18	30	10-28	25	11-15	17	11-15	17	12- 5	10	249	229	229	210	200
ROUGH RIVER DAM	98	8-10	2	1- 5+	3-31	16	4- 1	19	4- 1	19	4- 1	19	4- 1	19	10-17	32	10-28	25	11-14	24	11-15	17	12- 5	15	249	228	227	210	199
SCOTTSVILLE 3 SSW	97	8- 9	2	1- 5	3-12	15	3-31	20	3-31	20	3-31	20	3-31	20	10-23	31	11-14	20	11-14	20	11-14	20	11-15	14	248	228	228	228	206
SUMMER SHADE	96	8- 9	- 4	1- 4	3-13	15	3-31	18	3-31	18	3-31	18	4-20	32	10-18	30	10-24	28	11-14	20	11-14	20	11-15	13	247	228	228	207	181
WOLF CREEK DAM	95	8-10+	0	1- 5+	3-16	16	3-31	17	3-31	17	4- 1	26	4-30	32	10-18	30	10-24	28	11-15	15	11-15	15	11-15	15	244	229	229	206	171
* * *																													
BLUE GRASS 03																													
BEREA COLLEGE	95	7- 5	- 3	1- 5.	3-12	12	3-31	18	3-31	18	3-31	18	4-20	32	10-18	30	10-28	28	11-14	21	11-15	13	11-15	13	248	229	228	211	181
CARROLLTON LOCK 1	94	7- 6+	1	1- 5	3-31	15	3-31	15	3-31	15	3-31	15	4-11	32	10-18	29	10-23	26	11-14	24	11-15	18	12- 5	16	249	229	228	206	190
COVINGTON WB AIRPORT	95	7- 5	3	1- 5+	3-13	16	3-31	17	3-31	17	3-31	17	4-20	32	10-17	32	10-18	28	11-14	20	11-14	20	12- 5	16	267	228	228	201	180
CYNTHIANA 2	97	7- 6	1	1- 5+	4- 1	13	4- 1	13	4- 1	13	-		4-25	32	-		-		-		-		-		-	-	-	-	-
DANVILLE	93	8-10+	0	1- 6+	3-13	12	4- 1	18	4- 1	18	4- 1	18	4- 1	18	10-18	30	10-24	27	11-14	24	11-15	14	11-15	14	247	228	227	206	200
DIX DAM	94	8- 9+	2	1- 5+	3-12	13	3-31	18	3-31	18	4- 1	28	4-20	30	10-18	30	10-24	28	11-14	24	11-15	13	11-15	13	248	229	228	206	181
FALMOUTH 5 WNW	95	7-17+	- 3	1- 5	3-31	9	3-31	9	4-20	24	4-20	24	5- 1	30	10-15	26	10-15	26	10-18	23	10-23	19	11-15	15	229	206	181	178	167
FARMERS 1 WNW	95	7- 5	0	1- 5	3-31	16	3-31	16	4- 1	24	4- 1	24	5- 1	32	10-15	32	10-18	25	10-23	24	11-15	15	11-15	15	229	229	205	200	167
FLEMINGSBURG 1 SW	94	7- 5	- 1	1- 5	3-31	15	3-31	15	3-31	15	4- 1	25	4-20	32	10-18	26	10-18	26	10-28	23	11-14	20	11-15	9	229	228	211	200	181
FRANKFORT LOCK 4	96	7- 6	2	1- 5	4- 1	16	4- 1	16	4- 1	16	4- 1	16	4-21	31	10-18	28	10-18	28	11-15	17	11-15	17	12- 5	15	248	228	228	200	180
LEXINGTON WB AIRPORT	94	7- 5	2	1- 5	3-12	13	3-31	20	3-31	20	3-31	20	4-20	32	10-18	31	10-23	28	11-14	18	11-14	18	11-15	16	248	228	228	206	181
MAYSVILLE SEWAGE PLANT	96	7- 6	4	1- 5	-		-		-		-		4- 1	32	10-18	30	10-24	26	11-15	17	11-15	17	12- 5	16	-	-	-	-	200
MOUNT STERLING	93	7- 5+	3	1- 5+	3-31	16	3-31	16	3-31	16	4- 1	28	4-20	30	10-18	29	10-23	26	11-14	24	11-15	13	11-15	13	229	229	228	205	181
OWENTON 2 S		-	- 4	1- 5	3-31	9	3-31	9	4- 1	22	4-20	26	4-25	30	-		-		-		-		-		-	-	-	-	-
RICHMOND	94	7-20+	0	1- 5	3-13	14	3-31	17	4- 1	21	4- 1	21	4-20	31	10-18	30	10-23	28	11-15	13	11-15	13	11-15	13	247	229	228	205	181
SHELBYVILLE	93	8-10+	1	1- 5+	3-31	15	4- 1	20	4- 1	20	4- 1	20	4- 1	20	10-18	27	10-18	27	11-15	16	11-15	16	11-15	16	229	228	228	200	200
WARSAW MARKLAND DAM	95	7-18	0	1- 1	4- 1	14	4- 1	14	4- 1	14	4- 1	14	4- 1	14	10-18	28	10-18	28	10-28	24	11-15	18	12- 1	15	244	228	210	200	200
WAYNESBURG 7 NE	93	7- 5	- 7	1- 5	3-12	9	3-31	18	3-31	18	3-31	18	4-20	32	10-18	30	10-23	28	11-14	20	11-14	20	11-15	10	248	228	228	206	181
WILLIAMSTOWN 3 NW	93	7-17	1	1- 5+	3-31	15	3-31	15	3-31	15	3-31	15	4-20	32	10-23	26	10-23	26	11-14	22	11-15	16	11-15	16	229	229	228	206	186
* * *																													
EASTERN 04																													
ASHLAND	96	7-19+	3	1- 5	3-16	16	3-22	20	4- 1	23	4- 1	23	5- 1	32	10-18	27	10-18	27	11-15	17	11-15	17	11-21	16	250	238	228	200	170
BARBOURVILLE	94	7- 6+	- 6	1- 6+	3-14	15	4- 1	18	4- 1	18	4- 2	25	4-25	31	10-18	26	10-18	26	10-24	24	11-15	14	11-15	14	246	228	206	199	176
BAXTER	94	7-20+	- 5	1- 6+	3-14	15	4- 1	19	4- 2	24	4- 2	24	5- 1	32	10-18	27	10-18	27	10-24	24	11-15	12	11-15	12	246	228	205	199	170
BLAINE	96	7-20+	- 3	1- 5	3-31	12	3-31	12	-		-		5- 2	31	10-10	32	10-18	23	10-18	23	10-24	19	11-15	13	229	207	-	-	161
CUMBERLAND	97	7- 5	-10	1- 5	3-17	16	4- 1	19	4- 1	19	4-25	28	5- 1	29	10-16	23	10-18	23	10-18	23	10-24	17	11-15	10	243	206	200	176	170
DEWEY DAM	96	6-29+	- 4	1- 5	3-31	12	4- 1	17	4- 2	22	4- 2	22	4-25	32	10-18	32	10-23	27	10-24	22	11-15	18	12- 2	15	246	228	205	204	176
GRAYSON 5 SE	95	7-20+		-	4- 1	15	4- 1	15	4- 1	15	4- 7	27	5- 2	31	10-15	29	10-18	23	10-18	23	10-24	19	11-16	15	229	206	200	194	166
GRAYSON 3 SE		-		-	-		-		-		-		-		-		-		-		-		-		-	-	-	-	-
HEIDELBERG LOCK 14	95	7- 6	- 8	1- 5	3-31	15	3-31	15	4- 1	22	4- 1	22	4-25	31	10-18	24	10-18	24	10-18	24	11-15	14	11-15	14	229	229	200	200	176
HINDMAN 11 NNE	96	7- 6	- 6	1- 5	3-14	10	3-31	17	4- 1	22	4- 1	22	5- 2	31	10-18	25	10-18	25	10-24	20	10-24	20	11-15	15	246	207	206	200	169
HYDEN	98	7-19	- 9	1- 6+	3-14	14	4- 1	18	4- 2	24	4- 2	24	4-26	31	10-18	26	10-18	26	10-24	22	11-15	13	11-15	13	246	228	205	199	175
JACKSON	98	7- 6	- 6	1- 5	3-14	13	3-31	17	4- 1	23	4- 2	27	5-10	32	10-18	30	10-24	23	10-24	23	11-15	16	11-15	16	246	229	206	205	161
LONDON FAA AP	93	8- 9	-12	1- 5	3-12	11	3-31	18	4- 1	24	4- 1	24	4-25	32	10-17	30	10-18	25	10-24	24	11-14	12	11-14	12	247	228	206	200	175
MANCHESTER 4 SE	93	7- 6+	-12	1- 5	3-16	15	3-28	20	4- 1	23	4- 7	28	5- 1	32	10-18	24	10-18	24	10-18	24	10-24	20	11-15	8	244	210	200	194	170
MC KEE	94	7-21+	-12	1- 5	4- 1	15	4- 2	20	4- 2	20	4- 8	26	5-10	32	10-15	32	10-18	25	10-24	22	11-15	11	11-15	11	228	227	205	193	158
MIDDLESBORO	95	7-20	- 5	1- 5	3-13	14	3-18	19	4- 1	22	4- 2	25	5- 1	32	10-18	27	10-18	27	11-15	14	11-15	14	11-15	14	247	242	228	199	170

See Reference Notes Following Station Index

Table 3—Continued

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.					
MONTICELLO	94	8- 9+	- 7	1- 5	3-13	15	3-31	17	3-31	17	4- 1	26	4-25	32	10-18	27	10-18	27	11-14	20	11-14	20	11-15	8	247	228	228	200	176
MOUNT VERNON	93	6-27	-11	1- 5	3-31	14	3-31	14	3-31	14	4- 1	25	4-20	30	10-18	26	10-18	26	10-28	24	11-14	20	11-15	12	229	228	211	200	181
PIKEVILLE	98	7- 5	4	1- 4	-		-		3-31	21	4- 1	25	4- 1	25	10-18	30	10-24	23	10-24	23	11-15	18	NONE			-	207	206	200
SOMERSET 2 N	94	7-20	-12	1- 4	3-16	15	3-31	17	3-31	17	4- 1	25	-		10-18	25	10-18	25	11-13	22	11-14	19	11-15	12	244	228	227	200	-
STEARNS	92	8-10+	- 2	1- 5	3-14	13	4- 2	19	4- 2	19	4- 2	19	4-27	32	10-18	30	10-24	27	11-15	9	11-15	9	11-15	9	246	227	227	205	174
TOMAHAWK 1 WSW	95	6-28	- 4	1- 5	3-31	16	4- 1	20	4- 1	20	4-25	28	5- 2	30	10-15	30	10-18	22	10-18	22	10-24	16	10-24	16	207	206	200	176	166
VANCEBURG	96	6-29	- 3	1- 5	3-31	11	3-31	11	3-31	11	4-25	28	5-13	32	10-15	28	10-15	28	10-28	19	10-28	19	11-15	13	229	211	211	173	155
WEST LIBERTY	96	7- 6	- 1	1- 6+	3-31	15	4- 1	18	4- 1	18	4- 8	28	5- 2	32	10-15	30	10-18	24	10-18	24	10-24	20	11-21	16	235	206	200	193	166
WILLIAMSBURG 1 E	93	8- 9+	- 2	1- 5	3-12	12	3-31	19	3-31	19	4-30	26	4-30	26	10-18	28	10-18	28	11-14	19	11-14	19	11-15	13	248	228	228	171	171

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan	Feb.	Mar.	Apr.	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.	Annual
* * * WESTERN 01														
MADISONVILLE 1 SE	EVAP	-	-	-	5.27B	6.32B	7.95B	8.25	7.31B	5.55	-	-	-	-
	WIND	-	-	-	2082	1459	1767	1025	960	810	-	-	-	-
	MAX	-	-	-	73.0	83.6	90.0	98.5	95.6	87.1	-	-	-	-
	MIN	-	-	-	48.7	57.6	62.6	73.0	66.5	61.9	-	-	-	-
* * * CENTRAL 02														
NOLIN RIVER RESERVOIR	EVAP	-	-	-	5.35	7.10	7.56B	8.34	8.03B	4.83	3.63B	-	-	-
	WIND	-	-	-	1746B	1178	1338	1076	957	906	1236	-	-	-
WOLF CREEK DAM	EVAP	-	-	-	-	5.20B	6.08B	6.39	5.35	3.44	-	-	-	-
	DEP	-	-	-	-	-.38	-.70	-.61	-.68	-1.43	-	-	-	-
	WIND	-	-	-	-	543B	551	386	477	279	-	-	-	-
	MAX	-	-	-	-	85.6	91.1	97.7	90.3	82.8	73.2	-	-	-
	MIN	-	-	-	-	57.0	62.9	70.7	66.0	60.9	51.3	-	-	-
* * * BLUE GRASS 03														
DIX DAM	EVAP	-	-	-	5.[illegible]6B	6.29B	6.83B	7.76B	7.70B	4.83	3.55	-	-	-
	DEP	-	-	-	.83	.76	.81	1.20	1.93	.10	.64	-	-	-
	WIND	-	-	-	2081B	1207	1127	1041	978	797	1334	-	-	-
	MAX	-	-	-	72.9	83.7	87.8	93.9	89.2	81.6	69.7	-	-	-
	MIN	-	-	-	49.6	56.4	64.1	70.6	65.9	59.1	46.4	-	-	-
* * * EASTERN 04														
BUCKHORN	EVAP	-	-	-	4.17B	4.64B	5.55B	5.19B	5.11	3.49	2.64	-	-	-
	WIND	-	-	-	1456B	817	809	583	594	502	753	-	-	-
	MAX	-	-	-	72.8	84.1	89.3	96.7	93.2	83.7	71.4	-	-	-
	MIN	-	-	-	46.2	55.5	63.2	72.9	68.1	61.7	48.5	-	-	-
DEWEY DAM	EVAP	-	-	-	2.86B	3.99	4.90B	4.76B	3.79B	2.38B	-	-	-	-
	WIND	-	-	-	542B	362	355	185	201	184	310B	-	-	-
	MAX	-	-	-	70.5	78.8	89.4	96.6	85.9	79.3	-	-	-	-
	MIN	-	-	-	48.1	56.5	64.3	71.3	65.5	62.0	-	-	-	-

SOIL TEMPERATURES

Station	Depth (IN)	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
BARDSTOWN NAZARETH COL																												
	4		36.0	48 32	39.3	46 33	41.8	51 30	57.0	65 42	66.5	77 54	73.8	85 64	79.1	84 73	76.6	82 71	70.9	79 60	60.2	70 49	48.0	56 40	38.4	48 30	57.3	85 30
	20	5PM	40.6	44 39	42.1	44 39	42.7	46 40	53.1	58 45	62.1	68 56	69.6	74 66	75.3	77 74	75.0	78 74	71.6	76 69	64.5	70 58	53.1	59 47	41.8	46 38	57.6	78 38
BEREA COLLEGE																												
	4		35.9	46 32	38.4	46 33	40.2	49 33	55.9	63 41	66.3	74 55	73.2	81 65	79.2	82 75	76.1	79 72	71.2	79 64	61.8	71 51	47.6	56 40	37.7	44 34	57.0	82 32
	20	5PM	38.9	42 37	40.5	43 38	40.5	44 38	51.9	56 43	61.2	65 56	69.2	73 66	-	- 74	-	- -	73.1	76 70	66.2	70 59	53.9	59 49	44.0	48 41	-	- 37
CAMPBELLSVILLE 2 SSW																												
	4		35.3	37 34	35.4	36 35	-	- -	56.7	65 50	64.9	76 52	73.4	86 62	80.5	88 74	77.0	84 72	70.2	81 60	61.7	72 51	48.4	57 30	-	- -	-	88 30
	20	6PM	39.6	42 37	41.2	43 39	40.9	44 38	52.4	57 43	60.5	66 55	67.8	74 65	75.5	77 73	74.0	75 73	70.9	74 67	63.4	68 57	52.3	57 47	-	- -	-	77 37
CUMBERLAND GAP PARK																												
	4		36.3	45 32	38.8	47 35	40.9	48 35	56.2	63 42	64.7	75 55	73.1	82 65	79.1	83 74	75.7	82 72	70.5	78 62	60.8	71 50	46.5	55 40	38.3	48 35	56.7	83 32
	20	5PM	40.8	44 38	42.4	46 39	42.1	45 40	53.1	56 45	-	- -	-	73 -	75.3	76 73	74.5	76 74	71.2	75 68	64.0	68 57	52.1	57 48	44.4	48 42	-	76 38
FLEMINGSBURG 1 SW																												
	4		32.1	44 29	35.5	42 31	38.1	46 32	51.3	58 37	60.8	73 46	69.8	80 59	72.7	80 66	69.9	75 65	65.5	73 58	57.6	67 45	44.3	62 32	35.1	39 33	52.7	80 29
	20	6PM	38.2	41 37	39.3	41 38	39.7	42 38	48.9	52 42	57.5	61 52	65.5	70 62	70.6	71 70	69.6	70 69	67.5	70 64	61.4	65 55	50.8	56 47	43.0	46 40	54.3	71 37
GLASGOW WKAY																												
	4		38.6	46 34	40.5	45 36	41.9	48 35	57.2	64 43	67.2	77 56	74.6	83 66	80.9	85 74	77.2	82 73	71.8	79 63	62.4	70 52	51.0	58 43	41.4	47 38	58.7	85 34
	20	6PM	41.1	43 39	42.5	44 41	42.3	44 40	53.0	57 44	61.6	68 57	69.0	73 67	75.2	76 73	73.8	75 73	71.0	74 67	63.9	67 58	53.9	59 49	45.3	49 42	57.7	76 39
GREENVILLE 2 W																												
	4		37.9	49 33	40.8	47 35	43.3	53 35	60.1	69 44	70.8	83 58	76.9	90 62	84.5	- -	79.9	84 75	75.6	84 67	64.9	76 53	49.8	60 39	39.2	49 35	60.3	90 33
	20	5PM	41.4	45 39	43.1	45 31	43.4	46 40	54.5	58 45	63.3	70 58	70.3	75 68	76.6	- 74	75.2	77 75	72.9	76 70	65.5	70 59	54.5	69 49	44.6	48 42	58.8	- 31
HENDERSON 7 SSW																												
	4		39.3	50 36	42.1	45 39	44.1	51 38	58.5	64 46	68.8	78 59	76.1	84 69	82.5	86 78	77.6	80 75	73.3	79 66	64.9	73 56	52.1	58 44	42.1	45 40	60.1	86 36
	20	6PM	41.2	45 39	42.9	44 41	43.6	47 41	53.7	57 45	62.3	68 57	69.4	74 67	76.0	77 74	73.7	76 72	70.9	74 68	64.7	69 59	54.2	59 49	45.2	49 42	58.2	77 39
IRVINGTON																												
	4		37.3	50 33	40.2	47 35	42.4	55 32	57.5	65 45	66.8	81 52	74.7	83 63	79.4	88 71	78.2	88 69	70.9	81 60	61.3	72 48	47.7	57 39	38.6	42 37	57.9	88 32
	20	4PM	38.2	42 36	39.3	42 37	40.0	43 37	50.9	57 43	58.5	65 53	66.6	71 64	72.4	74 71	71.9	73 71	68.5	72 65	61.1	65 54	50.3	55 44	41.5	44 40	54.9	74 36
LEXINGTON CAMPUS FARM																												
(BARE GROUND)	1		33.6	54 15	38.1	54 28	42.0	71 26	58.1	82 34	68.6	95 41	75.4	99 51	80.9	101 65	78.1	97 61	71.9	91 53	60.8	87 35	44.8	61 33	35.7	48 30	57.3	101 15
	2		33.7	53 17	37.8	51 31	41.2	64 29	56.9	77 34	67.9	88 44	74.4	93 54	79.9	96 67	77.0	92 62	71.5	88 56	60.7	82 38	45.1	60 35	36.2	47 32	56.9	96 17
	4		34.3	51 23	37.8	48 32	40.3	56 33	55.7	70 36	66.4	83 48	73.0	87 57	78.9	91 69	76.2	87 65	71.1	84 58	60.8	77 42	45.8	59 37	37.2	45 35	56.5	91 23
	8		35.5	50 30	38.3	46 34	40.1	49 34	54.4	64 39	64.8	77 51	71.6	80 62	77.3	84 71	75.0	81 68	70.8	79 63	61.3	72 48	47.5	58 40	38.7	44 36	56.3	84 30

See Reference Notes Following Station Index

SOIL TEMPERATURES

CONTINUED

Station	Depth	Time	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
			Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes	Average	Extremes
LEXINGTON CAMPUS FARM																												
(SDO)	1		35.5	49 30	38.4	47 33	40.3	51 33	54.8	64 39	65.2	78 50	72.5	84 61	78.5	86 70	75.5	83 68	70.3	83 59	60.4	73 46	47.1	58 38	37.7	44 34	56.4	86 30
	2		35.7	48 31	38.6	46 33	40.4	50 34	54.4	63 40	64.7	76 51	72.2	83 61	78.1	84 71	75.2	82 69	70.5	81 60	60.8	73 48	47.7	58 39	38.4	44 35	56.4	84 31
	4		35.7	47 32	38.5	45 34	40.3	48 34	53.9	62 40	64.1	74 51	71.5	81 62	77.7	83 72	75.0	81 70	70.4	80 61	61.1	71 49	48.1	58 40	38.7	44 36	56.3	83 32
	8		36.5	47 33	39.3	44 35	40.5	47 36	53.3	60 41	63.0	71 53	70.5	77 64	76.7	80 73	74.6	78 72	70.5	77 64	61.9	69 52	49.5	58 43	40.2	44 38	56.4	80 33
	20	7PM	38.7	42 37	40.9	43 39	41.2	44 39	51.5	56 44	60.0	66 54	67.5	72 65	74.0	75 72	73.3	75 72	70.5	74 67	63.4	67 57	52.6	58 47	43.4	47 40	56.4	75 37
	40	7PM	43.2	46 42	43.1	44 42	42.8	45 42	49.5	53 44	56.5	61 52	63.3	66 61	69.3	71 66	70.4	71 70	69.7	71 68	65.0	67 61	56.8	61 53	48.5	52 45	56.5	71 42
MAYFIELD RAOID WNGD																												
	4		40.1	51 32	42.4	47 37	45.4	55 39	62.7	73 49	74.7	85 67	81.3	91 60	85.6	92 79	80.7	89 75	76.2	83 66	65.1	73 54	54.3	64 44	42.8	54 37	62.6	92 32
	20	5PM	41.1	47 37	43.8	45 40	45.6	50 43	57.9	63 49	67.7	74 62	76.0	81 72	81.1	- 79	78.3	83 76	74.9	80 71	65.3	70 59	55.6	62 48	46.3	58 42	61.1	- 37
PRINCETON 1 SE																												
	4		36.9	49 33	39.4	45 34	41.5	50 34	59.3	70 45	70.2	81 58	77.6	88 59	83.8	90 76	78.2	82 74	73.4	81 66	63.4	71 54	50.6	57 42	40.8	43 38	59.6	90 33
	20	5PM	41.5	45 39	43.1	45 41	43.4	46 41	54.3	59 45	63.3	69 58	71.3	75 69	77.4	78 75	74.5	76 74	71.8	75 69	64.9	70 59	54.5	59 49	45.7	49 42	58.8	78 39
QUICKSANO																												
	4		35.9	47 31	39.0	53 33	41.7	58 32	58.3	70 44	68.5	82 53	76.3	86 64	81.4	88 75	78.8	85 73	72.5	83 61	60.4	71 45	46.4	55 37	36.9	41 34	58.0	88 31
	20	4PM	37.8	41 36	39.9	43 38	40.4	45 38	53.5	61 44	63.4	69 56	71.5	76 68	77.3	79 76	76.3	78 73	71.8	77 62	61.4	68 54	48.8	56 40	40.2	43 38	56.9	79 36
SANDY HDOK 5 W																												
	4		-	- -	37.2	42 33	40.5	50 34	55.3	66 38	64.5	79 49	73.1	82 61	77.9	82 72	75.3	80 71	70.8	80 62	-	- -	-	55 -	-	- -	-	82 -
	20	6PM	-	- -	38.9	41 37	40.5	44 38	51.1	57 42	59.2	65 53	67.5	71 64	73.5	75 69	73.2	74 72	70.3	74 66	-	- -	-	56 -	-	- -	-	75 -
SDMERSET 2 N																												
	1		37.2	48 31	39.1	49 32	42.0	59 32	57.4	68 40	67.2	81 51	75.6	87 64	82.1	89 71	77.8	84 71	72.0	82 61	61.8	73 50	49.2	58 38	39.1	44 35	58.4	89 31
	4		37.6	47 32	39.3	49 32	42.0	53 33	56.9	64 42	66.5	79 54	74.8	85 65	80.9	87 71	77.2	82 71	71.5	80 62	61.8	72 51	49.8	58 40	39.9	44 36	58.2	87 32
	20	6PM	42.5	46 40	43.3	47 41	43.7	47 41	-	- -	63.9	72 58	71.7	76 69	78.5	81 76	76.5	78 76	73.1	76 69	65.7	69 60	55.2	60 51	46.2	50 42	-	81 40
WILLIAMSTOWN 3 NW																												
	4		36.3	45 34	39.1	44 36	41.1	47 37	53.9	60 41	63.1	70 55	72.2	80 62	77.7	81 72	74.9	78 71	70.3	77 63	62.0	69 51	48.6	57 42	39.5	43 38	56.6	81 34
	20	6PM	39.5	42 38	40.6	42 39	41.2	44 40	50.0	54 43	58.1	63 53	66.1	70 63	72.0	73 70	71.5	72 71	69.6	72 66	63.1	66 57	52.3	58 48	43.8	47 42	55.7	73 38

	SOIL TYPE	SOIL COVER	DEGREE OF SLOPE
BARDSTOWN NAZARETH COL	PEMBROKE SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
BEREA COLLEGE	BYINGTON SILT LOAM	CLIPPED BLUEGRASS SOD	ZERO
CAMPBELLSVILLE 2 SSW	DICKSON SILT LOAM	FESCUE PASTURE	3 PERCENT TO THE SOUTH
CUMBERLAND GAP PARK	STENDAL SILT LOAM	THICK STAND OF CLIPPED FESCUE	8 PERCENT TO THE NORTH
FLEMINGSBURG 1 SW	LOWELL ERODED	BLUEGRASS AND CLOVER	5 PERCENT TO THE SOUTH
GLASGOW WKAY	SILT LOAM FILL	BLUEGRASS SOD	6 PERCENT TO THE WEST
GREENVILLE 2 W	TILSIT SILT LOAM	CLIPPED FESCUE	ZERO
HENDERSON 7 SSW	MEMPHIS SILT LOAM	BLUEGRASS SOD	10 PERCENT TO THE SOUTH
IRVINGTON	CRIDER SILT LOAM	BLUEGRASS	4 PERCENT TO THE NNW
LEXINGTON CAMPUS FARM	MAURY SILT LOAM	CLIPPED BLUEGRASS SOD AND BARE GROUND	ZERO
MAYFIELD RADIO WNGO	COLLINS SILT LOAM	BLUEGRASS	ZERO
PRINCETON 1 SE	CANEYVILLE SILT LOAM	SOD-BLUEGRASS	3 PERCENT TO THE NORTH
QUICKSAND	STENDAL SILT LOAM	WHITE CLOVER, FESCUE AND BLUEGRASS	ZERO
SANDY HOOK S W	MUSKINGUM SILTY LOAM	BLUEGRASS	3 PERCENT TO THE SOUTH
SOMERSET 2 N	CAPTINA SILT LOAM	BLUEGRASS AND CLOVER	3 PERCENT TO THE EAST
WILLIAMSTOWN 3 NW	NICHOLSON SILT LOAM	BLUEGRASS AND FESCUE	9 PERCENT TO THE SOUTHEAST

ALL STATIONS EQUIPPED WITH PALMER DIAL TYPE SOIL THERMOMETERS

OBSERVATIONAL TIME FOR SOIL TEMPERATURE SAME AS LATE AFTERNOON AIR TEMPERATURE TIME. MONTHLY AVERAGES ARE AVERAGES OF DAILY MAX AND MIN VALUES UNLESS TIME IS INDICATED, IN WHICH CASE AVERAGES ARE FROM ONCE DAILY READINGS.

STATION INDEX

Station	Index No.	Division No.	County	Drainage‡	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
ADDISON DAM 45	0031	02	BRECKINRIDGE	7	37 55	86 34	380		42				2 C
ALBANY 4 N	0063	02	CLINTON	2	36 45	85 08	1000		19				2
ANCHORAGE	0155	02	JEFFERSON	7	38 16	85 33	700	71	72				1 2 3
ASHLAND	0254	04	BOYD	7	38 27	82 36	555	56	57				1 2 3
BARBOURVILLE	0381	04	KNOX	2	36 52	83 53	980	20	24				1 2 3 C
BARDSTOWN NAZARETH COL	0397	02	NELSON	8	37 50	85 28	671	20	20				1 2 3 G
BARDWELL 4 E	0402	01	CARLISLE	6	36 52	88 57	325	6	6				1 2 3
BARREN RIVER RESERVOIR	0422	02	ALLEN	3	36 54	86 08	620	7	7				1 2 3
BAXTER	0450	04	HARLAN	2	36 51	83 20	1164	18	29				1 2 3 C
BEAVER DAM	0490	01	OHIO	3	37 25	86 52	441	62	62				1 2 3
BENTON	0611	01	MARSHALL	9	36 51	88 21	385						C
BEREA COLLEGE	0619	03	MADISON	4	37 34	84 18	1070	68	68				1 2 3 CG
BEREA	0624	03	MADISON	4	37 34	84 18	1000		23				2
BLAINE	0752	04	LAWRENCE	1	38 03	82 51	680	14	14				1 2 3
BOWLING GREEN	0904	02	WARREN	3	37 00	86 26	536		45				2
BOWLING GREEN FAA AP	0909	02	WARREN	3	36 58	86 26	535	88	88				1 2 3
BRADFORDSVILLE	0940	02	MARION	8	37 29	85 09	675	7	7				1 2 3
BROWNSVILLE	1047	02	EDMONSON	3	37 12	86 16	580		9				2
BUCKHORN	1080	04	PERRY	4	37 21	83 23	936		9	9			2 4C
BURDINE 2 NE	1120	04	PIKE	1	37 13	82 35	1643		18				2 C
BURKESVILLE 2 W	1137	02	CUMBERLAND	2	36 47	85 24	602		19				2
CALHOUN LOCK 2	1227	01	MC LEAN	3	37 32	87 16	402		53				2 C
CAMPBELLSVILLE 2 SSW	1256	02	TAYLOR	3	37 19	85 22	780	25	25				1 2 3 G
CANEYVILLE	1294	02	GRAYSON	3	37 25	86 30	540		12				2
CARROLLTON LOCK 1	1345	03	CARROLL	4	38 41	85 11	480	19	66				1 2 3 C
CECILIA	1406	02	HARDIN	8	37 40	85 57	745	73	73				1 2 3
CLAY CITY 1 WNW	1576	04	POWELL	4	37 52	83 56	712		14				2
CLERMONT 1 SSE	1611	02	BULLITT	8	37 55	85 40	540	19	19				1 2 3
CLINTON	1631	01	HICKMAN	6	36 41	89 00	360						C
COBB	1663	01	CALDWELL	2	36 59	87 47	500		12				2
COLLEGE HILL LOCK 11	1704	04	ESTILL	4	37 47	84 06	611		61				2
*COVINGTON WB AIRPORT R	1855	03	BOONE	7	39 04	84 40	869	23	23				1 2 3 C
CUMBERLAND	1964	04	HARLAN	2	36 58	82 59	1463	7	7				1 2 3
CUMBERLAND FALLS ST PK	1969	04	WHITLEY	2	36 50	84 19	1070		19				2
CUMBERLAND GAP PARK	1973	04	BELL	2	36 36	83 41	1200						G
CYNTHIANA	1998	03	HARRISON	5	38 23	84 18	684		53				2
CYNTHIANA 2	2003	03	HARRISON	5	38 23	84 17	719	19	19				1 2 3
DANVILLE	2040	03	BOYLE	4	37 39	84 46	955	37	61				1 2 3
DAVELLA	2053	04	MARTIN	1	37 48	82 35	700						C
DAWSON SPRINGS	2072	01	HOPKINS	7	37 10	87 42	535		3				2
DEWEY DAM	2180	04	FLOYD	1	37 44	82 44	690	17	19	17			1 2 34C
DIX DAM	2214	03	MERCER	4	37 48	84 43	870	17	17	17			1 2 34
DUNDEE 4 ESE	2358	01	OHIO	3	37 33	86 43	431		29				2 C
DUNMOR	2366	01	MUHLENBERG	3	37 05	87 00	592		30				2
DYER	2391	02	BRECKINRIDGE	3	37 43	86 13	793						C
EDMONTON	2469	02	METCALFE	3	37 00	85 37	865		27				2 C
ELKHORN CITY	2528	04	PIKE	1	37 18	82 21	800		19				2
ELKTON 2 S	2548	01	TODD	2	36 47	87 10	520		12				2
FALMOUTH 5 WNW	2775	03	PENDLETON	5	38 43	84 25	715	15	83				1 2 3
FARMERS 1 WNW	2791	03	BATH	5	38 09	83 33	662	64	65				1 2 3
FISHTRAP RESERVOIR	2825	04	PIKE	1	37 26	82 25	630		1		JUL		2
FLEMINGSBURG	2903	03	FLEMING	5	38 25	83 44	860		46				2
FLEMINGSBURG 1 SW	2908	03	FLEMING	5	38 25	83 45	875	13	13				1 2 3 CG
FORD LOCK 10	2953	03	MADISON	4	37 54	84 16	660		56				2
FORDS FERRY DAM 50	2961	01	CRITTENDEN	7	37 28	88 06	356	23	42				1 2 3 C
FOURMILE KY UTIL PARK	3006	04	BELL	2	36 47	83 45	1005		7			FEB	2
FRANKFORT LOCK 4	3028	03	FRANKLIN	4	38 14	84 52	504	86	88				1 2 3
FRANKLIN 1 E	3036	01	SIMPSON	3	36 43	86 34	690		65				2
FREEBURN 2 SW	3046	04	PIKE	1	37 33	82 10	730		17				2
FRENCHBURG	3052	04	MENIFEE	5	37 58	83 37	830		19				2
GAMALIEL 1 S	3112	02	MONROE	3	36 38	85 48	759		13				2
GEORGETOWN WATER WORKS	3194	03	SCOTT	4	38 12	84 33	888		28				2
GEST LOCK 3	3203	03	HENRY	4	38 25	84 53	490		61				2 C
GILBERTSVILLE 1 SE	3223	01	MARSHALL	9	36 58	88 17	400	3	3				1 2 3
GLASGOW	3241	02	BARREN	3	37 00	85 55	780		41				2
GLASGOW WKAY	3246	02	BARREN	3	37 00	85 55	806	17	17				1 2 3 G
GLENDALE 1 E	3252	02	HARDIN	3	37 36	85 54	710		19				2
GOLDEN POND 8 N	3295	01	TRIGG	2	36 54	88 00	400	17	17				1 2 3
GRAYSON 5 SE	3391	04	CARTER	7	38 16	82 51	680	1	1		FEB		1 2 3
GRAYSON 3 SE	3392	04	CARTER	7	38 18	82 56	900	11	11			FEB	1 2 3
GRAYSON RESERVOIR	3398	04	CARTER	7	38 14	82 59	712		1		JUL		2
GREENSBURG	3430	02	GREEN	3	37 15	85 30	630	77	83				1 2 3
GREENSBURG HIWAY 61	3435	02	GREEN	3	37 15	85 30	562		20				2
GREENVILLE 2 W	3451	01	MUHLENBERG	3	37 12	87 12	519	54	54				1 2 3 G
GREENVILLE 13 SW	3455	01	CHRISTIAN	3	37 05	87 21	755						C
HARTFORD 6 NW	3652	01	OHIO	3	37 32	86 54	429		32				2
HAZARD	3709	04	PERRY	4	37 15	83 12	869						C
HAZARD WATER WORKS	3714	04	PERRY	4	37 15	83 11	880		20				2
HEIDELBERG LOCK 14 R	3741	04	LEE	4	37 33	83 46	663	37	55				1 2 3 C
HENDERSON 7 SSW	3762	01	HENDERSON	7	37 45	87 38	430	48	56				1 2 3 G
HERNDON	3798	01	CHRISTIAN	2	36 44	87 34	512						C
HICKMAN 1 E	3816	01	FULTON	6	36 34	89 10	375	20	20				1 2 3
HIGH BRIDGE LOCK 7	3837	03	JESSAMINE	4	37 49	84 43	544		68				2
HINDMAN 11 NNE	3896	04	KNOTT	1	37 27	82 53	915	4	4				1 2 3
HODGENVILLE-LINCOLN NP	3929	02	LARUE	3	37 32	85 44	788	14	14				1 2 3 C
HOPKINSVILLE	3994	01	CHRISTIAN	2	36 51	87 30	540	74	74				1 2 3
HYDEN	4093	04	LESLIE	4	37 10	83 23	920	9	30				1 2 3
IRVINGTON	4165	02	BRECKINRIDGE	3	37 53	86 17	585	73	73				1 2 3 G
JACKSON	4196	04	BREATHITT	4	37 33	83 23	745	9	52				1 2 3
JEREMIAH	4255	04	LETCHER	4	37 10	82 56	1155		30				2
KEENE 1 SSW	4369	03	JESSAMINE	4	37 57	84 38	941		29				2
LA GRANGE 1 ESE	4595	03	OLDHAM	7	38 26	85 22	780		14				2
LANCASTER	4620	03	GARRARD	4	37 37	84 35	1032		45				2
LEITCHFIELD 2 N	4703	02	GRAYSON	3	37 31	86 18	620	75	75				1 2 3
LEXINGTON WB AIRPORT R	4746	03	FAYETTE	4	38 02	84 36	966	90	91				1 2 3 C
LEXINGTON CAMPUS FARM	4748	03	FAYETTE	4	38 01	84 31	1050						G
LIBERTY	4755	02	CASEY	3	37 21	84 55	767		29				2 C
LITTLE HICKMAN LOCK 8	4825	03	JESSAMINE	4	37 45	84 35	521		60				2 C
LLOYD GREENUP DAM	4848	04	GREENUP	7	38 39	82 52	537		51				2
LOCKPORT LOCK 2	4857	03	HENRY	4	38 26	84 58	485		60				2
LOGLICK 1 S	4862	03	CLARK	4	37 51	84 02	773						C
LONDON 1 SSW	4893	04	LAUREL	2	37 07	84 05	1260						C
LONDON FAA AP	4898	04	LAUREL	2	37 05	84 05	1196	16	16				1 2 3
LOUISA 2	4946	04	LAWRENCE	1	38 07	82 38	662		19				2 C
LOUISVILLE	4949	02	JEFFERSON	7	38 14	85 46	462	14	14				1 2 3 C
LOUISVILLE WB AP R	4954	02	JEFFERSON	7	38 11	85 44	477	35	36				1 2 3 C
LOUISVILLE UPPER GAGE	4955	02	JEFFERSON	7	38 17	85 48	403		22				2
LOVELACEVILLE	4967	01	BALLARD	6	36 58	88 50	370	42	44				1 2 3
LUCAS	5002	02	BARREN	3	36 53	86 02	738						C
MADISONVILLE 1 SE	5067	01	HOPKINS	3	37 19	87 29	439	23	23	4			1 2 34
MAMMOTH CAVE PARK	5097	02	EDMONSON	3	37 11	86 05	800	35	35				1 2 3
MANCHESTER 4 SE	5111	04	CLAY	4	37 06	83 43	850	19	19				1 2 3
MARTIN	5171	04	FLOYD	1	37 34	82 45	660		30				2
MAYFIELD RADIO WNGO	5233	01	GRAVES	6	36 47	88 38	375	3	3				1 2 3 G
MAYSVILLE SEWAGE PLANT	5243	03	MASON	7	38 41	83 47	515	74	73				1 2 3 C
MC KEE	5291	04	JACKSON	2	37 26	84 00	1000	7	19				1 2 3
MC KINNEYSBURG	5301	03	PENDLETON	5	38 36	84 16	662						C
META	5370	04	PIKE	1	37 34	82 27	730						C
MIDDLESBORO	5389	04	BELL	2	36 37	83 43	1135	73	78				1 2 3 C
MIDWAY	5407	03	WOODFORD	4	38 09	84 41	770		28				2
MILLERSBURG	5430	03	NICHOLAS	5	38 18	84 08	790						C
MILLERSTOWN	5438	02	GRAYSON	3	37 27	86 03	610		29				2
MONTICELLO	5524	04	WAYNE	2	36 50	84 50	928	13	33				1 2 3
MOREHEAD STATE COLLEGE	5555	04	ROWAN	5	38 11	83 26	750						C
MOUNT STERLING	5640	03	MONTGOMERY	5	38 04	83 56	910	77	80				1 2 3
MOUNT VERNON	5648	04	ROCKCASTLE	2	37 21	84 20	1160	13	13				1 2 3
MUNFORDVILLE	5684	02	HART	3	37 16	85 55	710		42				2 C
MURRAY	5694	01	CALLOWAY	9	36 36	88 19	520	44	44				1 2 3
NOLIN RIVER RESERVOIR	5834	02	EDMONSON	3	37 17	86 15		6	6	6			1 2 34
OLIVE HILL	6012	04	CARTER	7	38 18	83 11	750						C
ONEIDA	6028	04	CLAY	4	37 16	83 39	741		12				2
OWENSBORO 2 W	6091	01	DAVIESS	7	37 46	87 09	420	74	73				1 2 3
OWENSBORO DAM 46	6096	01	DAVIESS	7	37 47	87 07	404		41				2 C
OWENTON 2 S	6106	03	OWEN	4	38 32	84 50	820	7	7				1 2 3
PADUCAH FAA AIRPORT	6110	01	MC CRACKEN	7	37 04	88 46	394	21	21				1 2 3
PADUCAH	6115	01	MC CRACKEN	7	37 06	88 37	340	22	22				1 2 3
PADUCAH SEWAGE PLANT R	6117	01	MC CRACKEN	7	37 06	88 36	325						C
PAINTSVILLE 1 S	6136	04	JOHNSON	1	37 48	82 49	620		37				2
PARADISE STEAM PLANT R	6155	01	MUHLENBERG	3	37 16	86 59	419		9				2
PIKEVILLE	6353	04	PIKE	1	37 29	82 31	686	34	65				1 2 3 C
PINEVILLE 4 NW	6388	04	BELL	2	36 47	83 45	1005		1		FEB		2
PRINCETON 1 SE	6580	01	CALDWELL	2	37 07	87 52	497	67	71				1 2 3 G
BREATHITT	6624	04	BREATHITT	4	37 32	83 22	840						G
RAVENNA LOCK 12	6679	04	ESTILL	4	37 40	83 57	634		53				2
RICHMOND	6805	03	MADISON	4	37 44	84 18	980	78	82				1 2 3
ROCHESTER LOCK 3	6882	01	OHIO	3	37 13	86 54	401	6	16				1 2 3
ROUGH RIVER DAM	6988	02	BRECKINRIDGE	3	37 37	86 30	554	6	6				1 2 3
RUSSELLVILLE	7049	01	LOGAN	3	36 52	86 53	655	58	61				1 2 3
SADIEVILLE	7074	03	SCOTT	4	38 23	84 33	850						C
ST MARY	7096	02	MARION	8	37 35	85 21	743						C
SALVISA LOCK 6	7121	03	WOODFORD	4	37 56	84 49	490		57				2
SALYERSVILLE	7129	04	MAGOFFIN	5	37 45	83 05	859						C
SALYERSVILLE 2 SE	7134	04	MAGOFFIN	5	37 44	83 03	920		18				2
SANDY HOOK 5 NE	7163	04	ELLIOTT	1	38 08	83 05	755					FEB	G
SANDY HOOK 5 W	7165	04	ELLIOTT	1	38 07	83 13	1105				FEB		G
SCOTTSVILLE 3 SSW	7215	02	ALLEN	3	36 44	86 13	850	23	23				1 2 3
SCOTTSVILLE 2 SW	7220	02	ALLEN	3	36 44	86 13	760		10				2 C
SEBREE	7234	01	WEBSTER	3	37 36	87 32	360		29				2
SHELBYVILLE	7324	03	SHELBY	8	38 13	85 16	841	79	81				1 2 3
SHEPHERDSVILLE	7334	02	BULLITT	8	38 00	85 43	430		17				2
SMITHFIELD 4 S	7473	02	SHELBY	8	38 20	85 16	862						C
SOMERSET 2 NE	7508	04	PULASKI	2	37 06	84 37	955						C
SOMERSET 2 N	7510	04	PULASKI	2	37 07	84 37	1050	20	20				1 2 3 G
SPRINGFIELD	7604	03	WASHINGTON	8	37 41	85 14	738		28				2
STEARNS	7677	04	MC CREARY	2	36 42	84 29	1420	9	29				1 2 3 C
SUMMER SHADE	7800	02	METCALFE	3	36 53	85 43	864	20	20				1 2 3
TAYLORSVILLE	7948	03	SPENCER	8	38 02	85 21	483		22				2
TILFORD	8019	04	PERRY	4	37 02	83 04	1760		28				2
TOMAHAWK 1 WSW	8055	04	MARTIN	1	37 52	82 37	690	7	7				1 2 3
TOMPKINSVILLE	8060	02	MONROE	3	36 43	85 43	930						C
TYRONE LOCK 5	8179	03	ANDERSON	4	38 02	84 51	524		52				2
UNIONTOWN DAM 49	8197	01	UNION	7	37 46	87 57	358		41				2 C
VALLEY VIEW LOCK 9	8246	03	JESSAMINE	4	37 51	84 27	571		57				2
VANCEBURG	8259	04	LEWIS	7	38 35	83 20	520	18	56				1 2 3
WARSAW MARKLAND DAM	8446	03	GALLATIN	7	38 46	84 58	466	11	11				1 2 3
WAYLAND 1 S	8482	04	FLOYD	1	37 25	82 48	870						C
WAYNESBURG 7 NE	8486	03	LINCOLN	2	37 25	84 36	1215	7	28				1 2 3
WEST LIBERTY	8551	04	MORGAN	5	37 55	83 15	790	21	22				1 2 3
WILLIAMSBURG 1 E	8709	04	WHITLEY	2	36 44	84 09	1100	73	82				1 2 3
WILLIAMSTOWN 3 NW	8714	03	GRANT	4	38 39	84 37	920	67	67				1 2 3 G
WILLISBURG 4 N	8719	03	WASHINGTON	8	37 52	87 08	850						C
WILLOW LOCK 13	8724	04	LEE	4	37 36	83 50	649		51				2
WOLF CREEK DAM	8807	02	RUSSELL	2	36 52	85 09	585	22	22	22			1 2 34C
WOODBURY LOCK 4	8824	02	BUTLER	3	37 11	86 38	504		73				2 C

‡ DRAINAGE CODE: 1-BIG SANDY 2-CUMBERLAND 3-GREEN 4-KENTUCKY 5-LICKING 6-MISSISSIPPI 7-OHIO 8-SALT 9-TENNESSEE

CHANGES IN STATION NAME

NEW NAME	FORMER NAME	DATE
BLAINE	BLAINE 2 W	FEBRUARY 2, 1969
PINEVILLE 4 NW	FOUR MILE KY UTILITY PARK	JANUARY 29, 1969

RELOCATION AND CHANGE OF EQUIPMENT

ANCHORAGE	EQUIPMENT MOVED 0.3 MILE W	SEPTEMBER 26, 1969
BLAINE	EQUIPMENT MOVED 1.8 MILES NE	FEBRUARY 2, 1969
ELKHORN CITY	EQUIPMENT MOVED 0.2 MILE W	FEBRUARY 25, 1969
ELKHORN CITY	EQUIPMENT MOVED 0.3 MILE SE	JULY 17, 1969
ELKHORN CITY	EQUIPMENT MOVED 0.1 MILE NW	NOVEMBER 20, 1969
FRENCHBURG	EQUIPMENT MOVED 1 MILE NE	AUGUST 5, 1969
GREENVILLE 13 SW	EQUIPMENT MOVED 0.3 MILE SE	APRIL 18, 1969
IRVINGTON	EQUIPMENT MOVED 1000 FEET W	JANUARY 13, 1969
JACKSON	EQUIPMENT MOVED 1 MILE NW	JUNE 11, 1969
JEREMIAH	EQUIPMENT MOVED 0.2 MILE N	APRIL 29, 1969
MUNFORDVILLE	EQUIPMENT MOVED 0.7 MILE SE	JANUARY 14, 1969
MUNFORDVILLE	EQUIPMENT MOVED 3.5 MILES NW	JUNE 19, 1969
PARADISE STEAM PLANT	EQUIPMENT MOVED 2800 FEET E	FEBRUARY 20, 1969
ST MARY	EQUIPMENT MOVED 50 FEET W	JANUARY 17, 1969

REFERENCE NOTES

Additional information regarding the climate of Kentucky may be obtained by writing to the Environmental Science Services Administration State Climatologist, Room 205, Agricultural Experiment Station, Agronomy Department, University of Kentucky, Lexington, Kentucky 40506, or to any Weather Bureau Office near you, Additional precipitation data are contained in "HOURLY PRECIPITATION DATA KENTUCKY".

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for June 1956.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

DELAYED DATA AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- - No record.
- + Also on earlier date (dates) or months.
- * Amount included in following measurement.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- E Amount is wholly or partially estimated.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

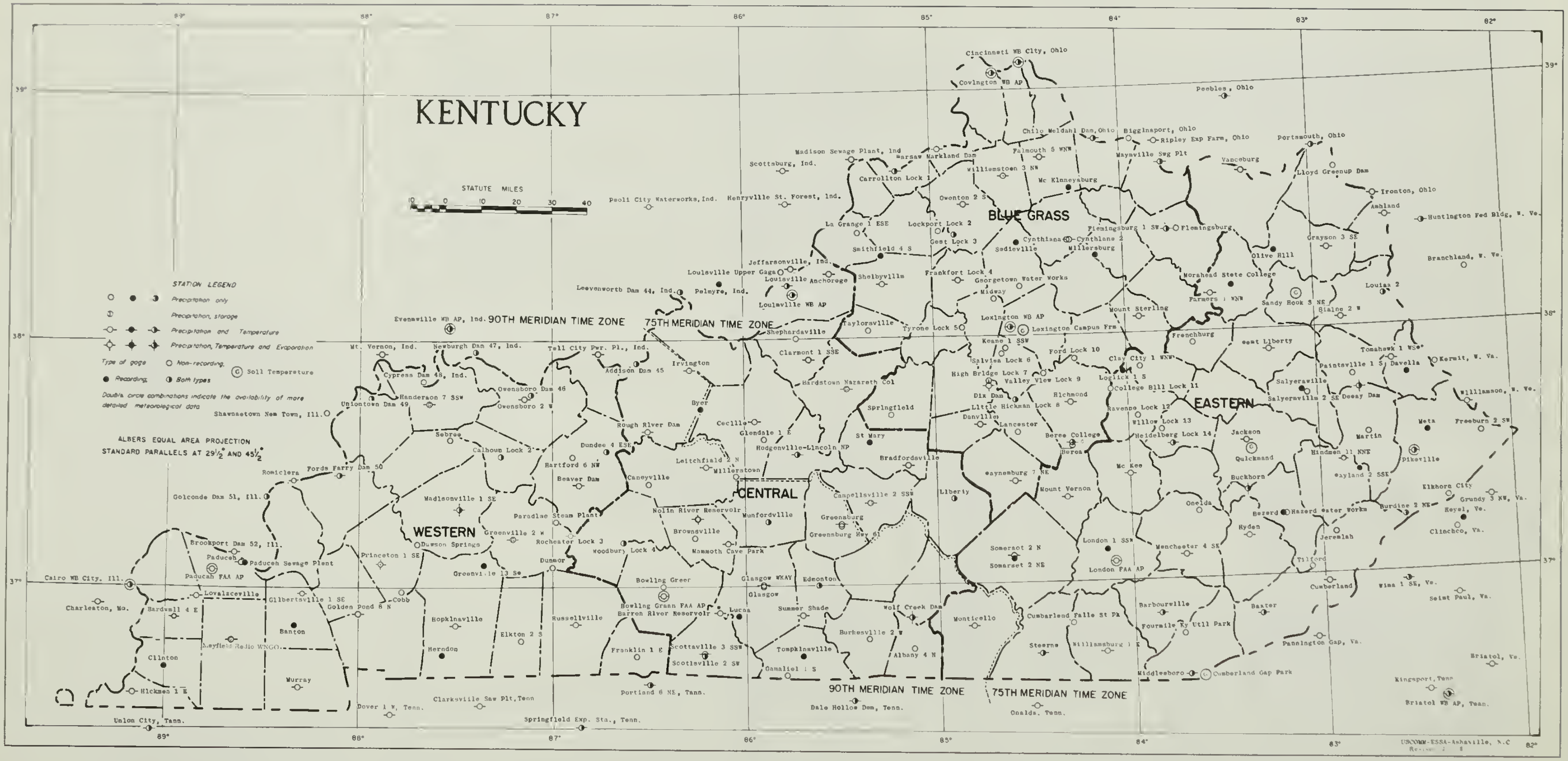
- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- C Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.
- G Soil temperatures published.

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, for 30 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; $2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-ESSA-ASHEVILLE- 3/31/70-970


KENTUCKY
STATUTE MILES
10 0 10 20 30 40
STATION LEGEND
○ ● ◑ Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording, ◑ Both types
Ⓒ Soil Temperature
Double circle combinations indicate the availability of more detailed meteorological data
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29½° AND 45½°
90TH MERIDIAN TIME ZONE
75TH MERIDIAN TIME ZONE
WESTERN
CENTRAL
BLUE GRASS
EASTERN
39°
38°
37°
89°
88°
87°
86°
85°
84°
83°
82°
Cincinnati WB City, Ohio
Covington WB AP
Peebles, Ohio
Chilo Meldahl Dam, Ohio
Bigginsport, Ohio
Ripley Exp Farm, Ohio
Portsmouth, Ohio
Madison Sewage Plant, Ind
Warsaw Markland Dam
Scottsburg, Ind.
Carrollton Lock 1
Falmouth 5 WNW
Williamstown 3 NW
Maysville Swg Plt
Vanceburg
Lloyd Greenup Dam
Mc Kinneysburg
Ironton, Ohio
Ashland
Huntington Fed Bldg, W. Va.
Paoli City Waterworks, Ind.
Henryville St. Forest, Ind.
Owenton 2 S
La Grange 1 ESE
Lockport Lock 2
Gest Lock 3
Smithfield 4 S
Cynthiana
Cynthiana 2
Sadieville
Millersburg
Flemingsburg 1 SW
Flemingsburg
Grayson 3 SE
Olive Hill
Branchland, W. Va.
Jeffersonville, Ind.
Louisville Upper Gage
Louisville
Anchorage
Shelbyville
Frankfort Lock 4
Georgetown Water Works
Midway
Morehead State College
Farmers 1 WNW
Sandy Hook 3 NE
Louisa 2
Blaine 2 W
Leavenworth Dam 44, Ind.
Palmyra, Ind.
Louisville WB AP
Evansville WB AP, Ind.
Taylorsville
Tyrone Lock 5
Lexington WB AP
Lexington Campus Frm
Mount Sterling
Shepherdsville
Keene 1 SSW
Frenchburg
West Liberty
Tomahawk 1 WSW
Kermit, W. Va.
Mt. Vernon, Ind.
Newburgh Dam 47, Ind.
Tell City Pwr. Pl., Ind.
Addison Dam 45
Irvington
Clermont 1 SSE
Salvisa Lock 6
Ford Lock 10
Clay City 1 WNW
Paintsville 1 S
Davella
Cypress Dam 48, Ind.
Henderson 7 SSW
Uniontown Dam 49
Owensboro Dam 46
Owensboro 2 W
Shawneetown New Town, Ill.
Bardstown Nazareth Col
High Bridge Lock 7
Valley View Lock 9
Loglick 1 S
College Hill Lock 11
Salyersville
Salyersville 2 SE
Deesy Dam
Williamson, W. Va.
Sebree
Rough River Dam
Byer
Cecilia
Springfield
Dix Dam
Little Hickman Lock 8
Richmond
Danville
Lancaster
Ravenna Lock 12
Willow Lock 13
Meta
Freeburn 2 SW
Calhoun Lock 2
Dundee 4 ESE
Hartford 6 NW
Glendale 1 E
Hodgenville-Lincoln NP
St Mary
Berea College
Berea
Heidelberg Lock 14
Jackson
Quicksand
Martin
Pikeville
Romiclere
Fords Ferry Dam 50
Beaver Dam
Leitchfield 2 N
Millerstown
Bradfordsville
Waynesburg 7 NE
Mc Kee
Hindman 11 NNE
Wayland 2 SSE
Golconda Dam 51, Ill.
Madisonville 1 SE
Caneyville
Campbellsville 2 SSW
Liberty
Mount Vernon
Buckhorn
Elkhorn City
Grundy 3 NW, Va.
Paradise Steam Plant
Nolin River Reservoir
Munfordville
Greensburg
Greensburg Hwy 61
Oneida
Hazard
Hazard Water Works
Burdine 2 NE
Haysi, Va.
Clinchco, Va.
Brookport Dam 52, Ill.
Paducah
Paducah Sewage Plant
Paducah FAA AP
Dawson Springs
Greenville 2 W
Rochester Lock 3
Woodbury Lock 4
Brownsville
Mammoth Cave Park
Somerset 2 N
Somerset 2 NE
London 1 SSW
London FAA AP
Manchester 4 SE
Hyden
Jeremiah
Princeton 1 SE
Greenville 13 SE
Dunmor
Bowling Green
Glasgow WKAY
Glasgow
Edmonton
Tilford
Cairo WB City, Ill.
Lovelaceville
Gilbertsville 1 SE
Golden Pond 8 N
Cobb
Bowling Green FAA AP
Barren River Reservoir
Lucas
Summer Shade
Wolf Creek Dam
Monticello
Cumberland Falls St Pk
Barbourville
Baxter
Cumberland
Wise 1 SE, Va.
Saint Paul, Va.
Charleston, Mo.
Bardwell 4 E
Mayfield Radio WNGO
Benton
Hopkinsville
Elkton 2 S
Russellville
Burkesville 2 W
Albany 4 N
Fourmile Ky Util Park
Clinton
Herndon
Franklin 1 E
Scottsville 3 SSW
Scottsville 2 SW
Tompkinsville
Gamaliel 1 S
Stearns
Williamsburg 1 E
Pennington Gap, Va.
Murray
Hickman 1 E
Middlesboro
Cumberland Gap Park
Bristol, Va.
Kingsport, Tenn
Bristol WB AP, Tenn.
Union City, Tenn.
Dover 1 W, Tenn.
Clarksville Sew Plt, Tenn
Springfield Exp. Sta., Tenn.
Portland 6 NE, Tenn.
Dale Hollow Dam, Tenn.
Oneida, Tenn.
USCOMM-ESSA-Asheville, N.C

[illegible]

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